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# HEALTH STATISTICS

FROM THE U. S. NATIONAL HEALTH SURVEY

## Dental Care

interval and frequency of visits

United States

July 1957 - June 1959

Statistics on time interval since last dental visit and frequency of dental visits during a year by age, sex, residence, region, race, income, and education. Based on data collected in household interviews during July-1957-June 1959.

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The U. S. National Health Survey is a continuing program under which the Public Health Service makes studies to determine the extent of illness and disability in the population of the United States and to gather related information. It is authorized by Public Law 652, 84th Congress.

## CO-OPERATION OF THE BUREAU OF THE CENSUS

Under the legislation establishing the National Health Survey, the Public Health Service is authorized to use, insofar as possible, the services or facilities of other Federal, State, or private agencies. For the Health Interview Survey the Bureau of the Census designed and selected the sample, conducted the household interviews, and processed the data in accordance with specifications established by the Public Health Service.

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**EXPLANATION OF SYMBOLS**

Data not available (three dashes)-----	---
Category not applicable (three dots)-----	...
Quantity is zero (1 dash)-----	-
Magnitude greater than zero but less than one-half of the unit used-----	0 or 0.0
Magnitude of the sampling error precludes showing separate estimates-----	(*)

# DENTAL CARE

## INTERVAL AND FREQUENCY OF VISITS

### SELECTED FINDINGS

Data from the U. S. National Health Survey revealed that only about one third of the population of the United States visited their dentist within a one-year period. This finding was based on data collected in household interviews during July 1957-June 1958. When asked "How long has it been since you went to a dentist?," 23 percent of the population responded with time periods of less than 6 months and 14 percent from 6 to 11 months. Approximately 43 percent of the population reported time periods of one year or more, with an additional 18 percent indicating that they had never been to a dentist.

Only a small proportion of young children and older people had visited their dentist within the one-year period prior to interview, but about one half of those in the 5-24 year age range had been to a dentist within that time period.

The data revealed a definite relationship between family income and time interval since last dental visit. About 54 percent of persons in families having an annual income of \$7,000 or more visited the dentist within the past year as compared with 19 percent of those in families having an income of less than \$2,000.

The educational attainment of the family head was also related to dental care. Only 17 percent of persons in families whose head of family had less than 5 years of formal schooling had visited the dentist within a year prior to interview as compared with 57 percent for members of families whose head of family had completed at least one year of college.

About 17 percent of nonwhite persons reported that their last dental visit was within the year as compared with 39 percent for white persons. The proportions of persons who had never been to a dentist were the reverse of these, 37 percent of the nonwhite population as compared with 16 percent of the white population.

With respect to geographic region, 29 percent of the persons in the region designated as South visited a dentist within the past year. In the North Central region, 38 percent reported a dental visit within the past year, while corresponding percents for the West and Northeast were 39 and 43, respectively. Persons living in urban areas had 39 percent of their population visiting a dentist within the year while rural-nonfarm residents had 36 percent and rural-farm residents, 27 percent.

During the year July 1958-June 1959, information was collected on the number of dental visits a person had made during the 12-month period prior to the week of interview. About 60 percent of the population reported no visits during

the year preceding the interview while 16 percent reported 1 dental visit. An additional 11 percent reported 2 visits, 4 percent reported 3 visits, and 9 percent reported that they had made 4 or more visits.

## SOURCE OF DATA

The information contained in this report was obtained from nationwide household interviews conducted by the U. S. National Health Survey. The survey is continuous, each week covering a random sample of the civilian noninstitutional population of the United States. This report is based on interviews obtained during the period July 1957-June 1959 during which time interviews were conducted in approximately 73,000 households throughout the country and included about 235,000 persons.

A description of the survey design, methods used in estimation, and the general qualifications of the data is presented in Appendix I. Particular attention should be given to the section entitled Reliability of Estimates. Since the figures presented are estimates based on a sample of the population, they are subject to sampling error. Although the sampling errors for most of the estimates presented are of relatively low magnitude, where an estimated number or the numerator or denominator of a percent is small, the sampling error may be high.

Definitions of terms used in the report are given in Appendix II. Some of the terms have specialized meaning and a familiarity with the definitions will assist the reader in interpreting the data presented.

The portions of the questionnaire dealing with dental care are reproduced in Appendix III. Certain questions appeared on the questionnaire during the entire two-year period July 1957-June 1959, while others appeared during only one of the two years. The two dental care questions on which the data presented in this report are based are

"How long has it been since you went to a dentist?" which was on the questionnaire during the period July 1957-June 1958, and "How many times altogether in the past 12 months did you go to a dentist?" which was on the questionnaire during the period July 1958-June 1959.

## TIME INTERVAL SINCE LAST DENTAL VISIT

During the period July 1957-June 1958, a representative sample of the population of the Nation was asked "How long has it been since you went to a dentist?" Responses to this question indicated that 23 percent of the population had been to a dentist within the preceding 6 months, and 37 percent within the preceding year. One third of the population had not been to a dentist in the preceding 5 years, including 18 percent who had never been to a dentist (tables 1 and 2).

Any visit to a dentist's office for treatment or advice was considered to be a dental visit in the survey, even if the service was not provided directly by a dentist himself but by a hygienist working under a dentist's supervision.

Since the data pertaining to time interval since last dental visit were collected during the course of a one-year period, they do not describe the population as of any one specific point in time but rather describe the average status of the population during the year of data collection.

The distribution of persons according to interval since last dental visit varied substantially from one age group to another. Figure 1 shows that only 8 percent of the children under 5 years of age had been to a dentist within the past year, while approximately half of those in the 5-24 year age group had been to a dentist within that period of time. The proportion then decreased for each succeeding age group, reaching a low of 16 percent for persons 65 years of age and over. It is not surprising that about 90 percent of the children under 5 years of age had never been to a

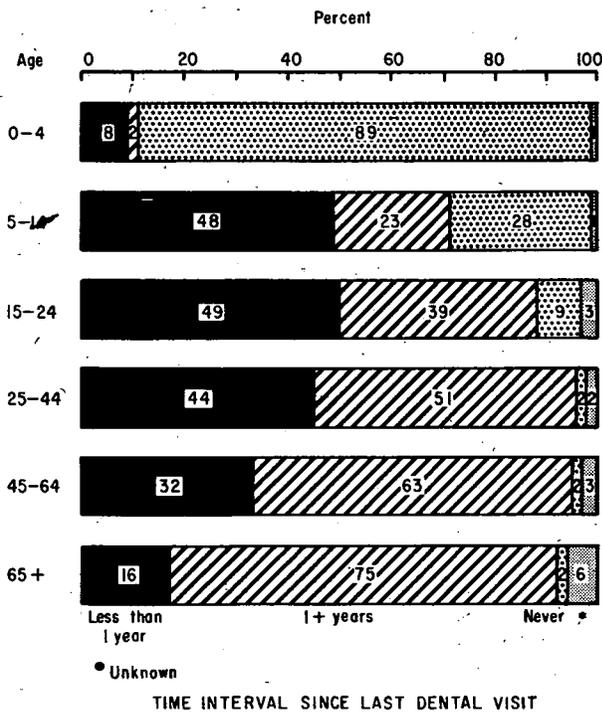


Figure 1. Percent distribution of persons by time interval since last dental visit according to age.

dentist. However, it is surprising to find a substantial proportion of those in older age groups falling into this category. About one quarter of those 5-14 and one tenth of those 15-24 years of age had never visited a dentist.

A greater proportion of females than of males had visited a dentist recently (fig. 2). This dif-

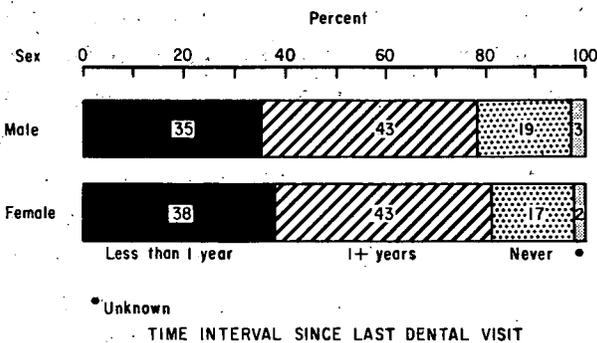


Figure 2. Percent distribution of persons by time interval since last dental visit according to sex.

ference existed in each of the separate age groups, as well as for all ages combined.

Comparing the three residence groups, the data show that the proportion of people who had been to a dentist in the past year was greatest among urban residents, 39 percent, and smallest among rural-farm residents, 27 percent (fig. 3 and tables 3 and 4).

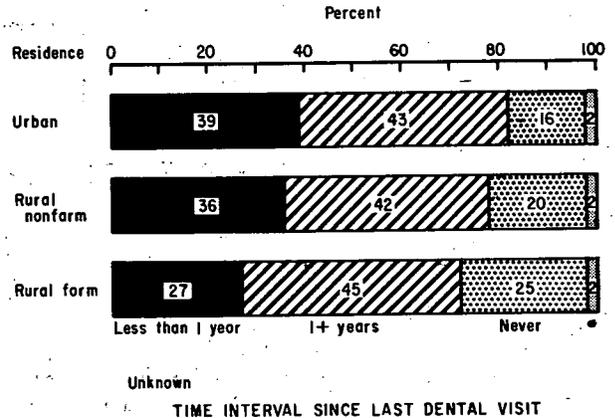


Figure 3. Percent distribution of persons by time interval since last dental visit according to residence.

The Northeast region of the United States had a greater proportion of persons who had made a dental visit within a year prior to interview than any other region. The South had the smallest proportion while the North Central region and the West occupied middle positions (fig. 4). In the South, one fourth of the population had never been to a dentist as compared with one eighth of the population of the Northeast. Similar differences occurred within the separate age groups (tables 5 and 6).

The differences between the two racial groups are shown in figure 5. In the white population 39 percent had been to the dentist within a year prior to interview, as compared with 17 percent of the nonwhite population. The figures were reversed for the proportion of persons who had never been

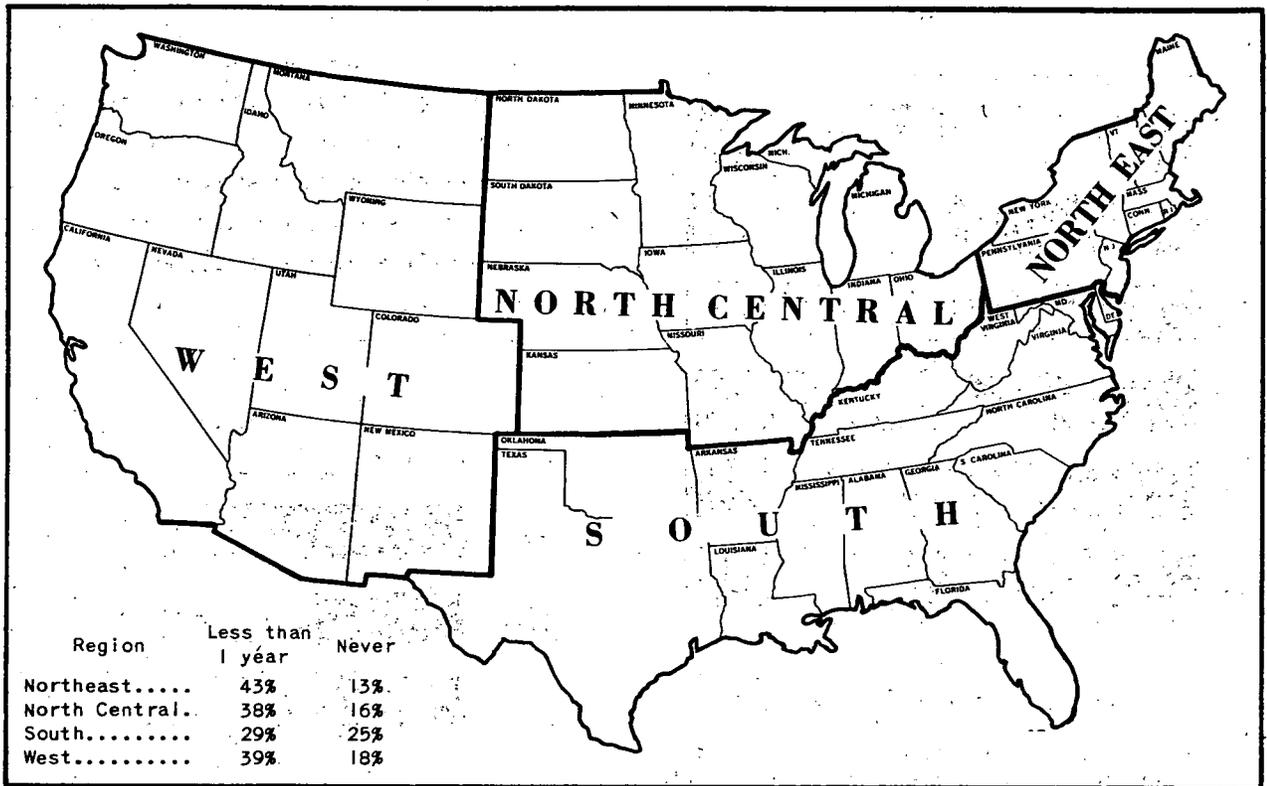


Figure 4. Percent of persons who have visited the dentist within the past year and percent who have never visited the dentist according to region.

to a dentist, with 16 percent of white persons and 37 percent of nonwhite persons falling into this category. The differences occurred in each of the separate age groups. Among children 5-14 years of age, for example, 22 percent of white children and 63 percent of nonwhite children had never

been to a dentist. Among persons 15-24 years of age, 52 percent of the white population had made at least one dental visit in the year prior to interview as compared with 27 percent of the nonwhite population (tables 7 and 8).

The proportion of persons whose last dental visit had been within the year varied markedly with income, from a low of 19 percent among persons in families with annual incomes under \$2,000 to a high of 54 percent among persons in families with incomes of \$7,000 or more. The proportion of persons who had never been to a dentist was greatest, 24 percent, among persons with family incomes under \$2,000 and least, 10 percent, for persons in the "\$7,000 and over" family income group (fig. 6). By examining the data in tables 9 and 10, it can be seen that the differences among the income groups were consistent throughout the different age groups in the population.

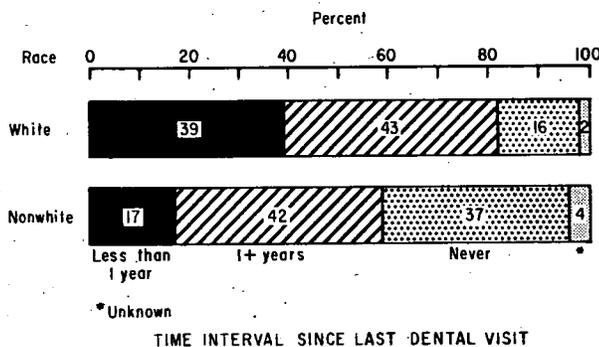


Figure 5. Percent distribution of persons by time interval since last dental visit according to race.

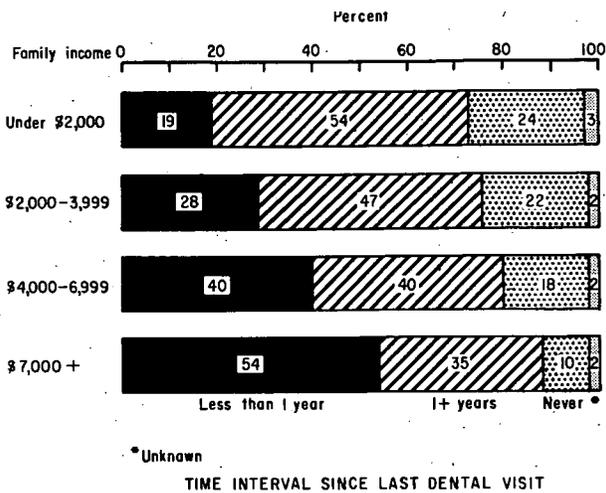


Figure 6. Percent distribution of persons by time interval since last dental visit according to family income.

When persons are classified according to the educational attainment of the head of the family, a pattern similar to that for family income is apparent. The proportion of persons who visited a dentist within the year prior to interview was lowest, 17 percent, in the educational group with less than 5 years of school, and highest, 57 percent, in the educational group which consisted of persons in families whose head of the family had completed at least one year of college. The proportion of persons who had never visited a dentist decreased with increasing education from 29 percent where the head of the family had less than 5 years of education to 13 percent where the head of the family had at least 1 year of college. (fig. 7). The same strong relationship between education of family head and time interval since last dental visit appeared in each of the separate age groups (tables 11 and 12).

Figure 8 and tables 13 and 14 show distributions of persons by time interval since last dental visit according to a cross-classification of family income and education of family head. From the data presented, it appears that both family income and education of family head are independently related to the dental care variable. Within in-

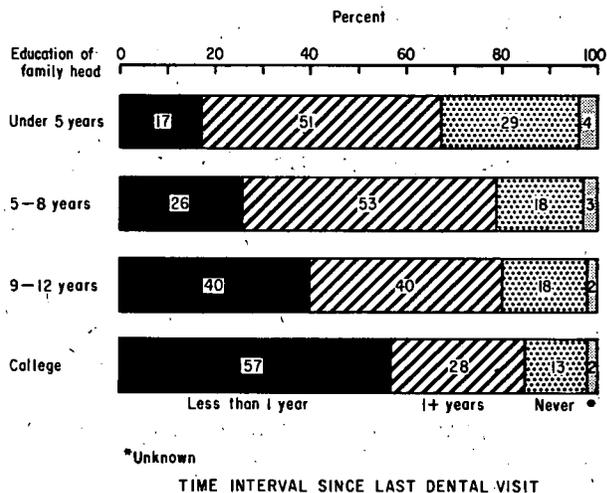


Figure 7. Percent distribution of persons by time interval since last dental visit according to education of family head.

come groups, the proportion of persons visiting a dentist in the past year increased with education. Within education groups, the proportion of persons with recent dental care was directly related to amount of family income. The proportion of persons who have never visited a dentist varied inversely with income and education within each age group. This relationship is somewhat obscured among all age groups combined because

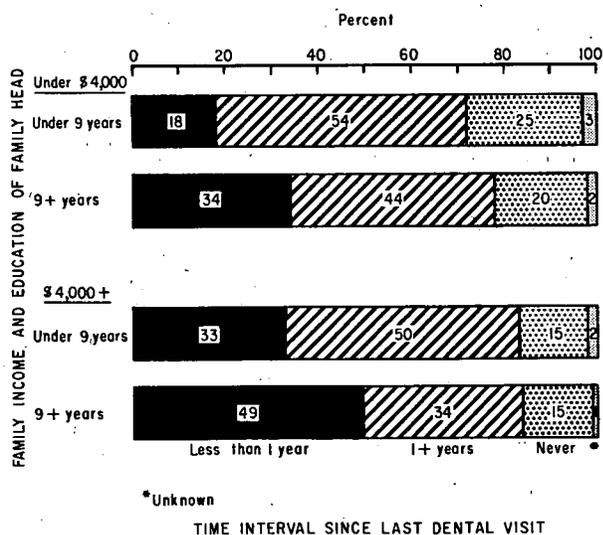


Figure 8. Percent distribution of persons by time interval since last dental visit according to family income and education of family head.

of the effect of differences in the age distributions in the four income-education categories.

## NUMBER OF DENTAL VISITS DURING THE YEAR

During the year July 1958-June 1959 the question "How many times altogether in the past 12 months did you go to a dentist?" was asked. In response to this question, 60 percent of the population replied that they had not made any dental visits; 16 percent indicated 1 dental visit; 11 percent had 2 visits; 4 percent, 3 visits; and 9 percent, 4 or more visits. Thus only about one fourth of the population had been to their dentist at least twice during the year.

Table A shows the population distributed by number of dental visits made during the past year according to age. Those in the age range 5-44 visited the dentist more frequently than older or younger people. About one third of the 5-44 year age group had visited the dentist 2 or more times during the 12 months prior to interviewing as compared with one fifth of those 45-64 and one tenth of those 65 years of age and over. This decrease in the number of dental visits among older persons is to be expected in view of the high percent of edentulous persons in this age group.

In table B, it can be seen that the responses to the question concerning the number of dental visits in the past year were, in general, consistent with the responses to the question concerning time interval since last dental visit. Males had a greater proportion of persons reporting no visits and a smaller proportion reporting 4 or more visits than did females. The proportion of persons with no visits was lowest among urban dwellers and highest among rural-farm residents. The reverse was true for the proportion of persons visiting the dentist 4 or more times during the year preceding the interview.

Southern residents had a larger proportion reporting no visits in the year and a smaller proportion reporting 4 or more visits than any of the other regions. The proportion of persons reporting no visits was greater among nonwhite persons in the population than among white persons, 80 percent as compared with 57 percent.

For both family income and education of family head, the proportion of persons having no dental visits decreased with increasing income and with increasing education, while the proportion of persons having 4 or more visits increased with increasing income and education.

When family income and education of the family head are cross-classified, it appears that each

Table A. Percent distribution of persons by number of dental visits during the year according to age: United States, July 1958-June 1959

Age	Number of dental visits during the year					
	Total	0	1	2-3	4+	Unknown
All ages-----	100	60	16	15	9	1
0-4-----	100	91	6	2	1	1
5-14-----	100	48	20	20	12	-
15-24-----	100	47	19	18	15	1
25-44-----	100	52	19	18	11	1
45-64-----	100	63	14	13	8	1
65+-----	100	81	8	6	4	1

Table B. Percent distribution of persons by number of dental visits during the year according to demographic characteristic: United States, July 1958-June 1959

Characteristic	Number of dental visits during the year					
	Total	0	1	2-3	4+	Unknown
Total persons-----	100	60	16	15	9	1
<u>Sex</u>						
Male-----	100	62	16	14	8	1
Female-----	100	58	16	15	11	1
<u>Residence</u>						
Urban-----	100	58	16	15	11	1
Rural nonfarm-----	100	61	16	14	8	1
Rural farm-----	100	67	15	12	5	1
<u>Region</u>						
Northeast-----	100	54	15	16	14	1
North Central-----	100	59	17	15	9	1
South-----	100	67	15	12	6	1
West-----	100	57	17	16	10	1
<u>Race</u>						
White-----	100	57	16	16	10	1
Nonwhite-----	100	80	11	5	3	1
<u>Family income</u>						
Under \$2,000-----	100	78	11	7	4	1
\$2,000-3,999-----	100	69	14	10	7	1
\$4,000-6,999-----	100	57	17	16	10	-
\$7,000+-----	100	42	20	23	15	1
<u>Education of family head</u>						
Under 5 years-----	100	82	9	5	3	1
5-8 years-----	100	70	13	10	7	1
9-12 years-----	100	57	17	15	10	1
College-----	100	38	21	25	15	1
<u>Family income and education of family head</u>						
<u>Under \$4,000</u>						
Under 9 years-----	100	79	10	6	4	1
9+ years-----	100	65	16	12	8	-
<u>\$4,000+</u>						
Under 9 years-----	100	63	15	12	9	-
9+ years-----	100	47	19	21	13	-

bears an independent relationship to number of dental visits. Within income groups, the proportion of persons with no dental visits decreased and the proportion of persons with 4 or more visits increased with increasing education. Similarly within each education group, the proportion of persons with no visits decreased and the proportion of persons with 4 or more visits increased with increasing income.

By examining the detailed tables pertaining to number of dental visits during the past year, tables 15-28, it can be seen that the differences described above exist in the separate age groups as well as for all ages combined.

In comparing responses to the two types of dental-care questions presented in this report, the reader may note that while the responses were very consistent, there was a slight discrepancy in the two estimates of proportion of persons visiting a dentist within the year. When asked "How long has it been since you went to a dentist?" 37 percent of the population responded with

time intervals of less than 1 year. When asked in the second year of the survey "How many times altogether in the last 12 months did you go to a dentist?" a slightly higher proportion of the population (40 percent) replied that they had made 1 or more dental visits in the last year. This type of difference occurred consistently throughout the various subgroups of the population. Since the questions were asked at different times, the former during July 1957-June 1958 and the latter during July 1958-June 1959, the data may be revealing an increase in the amount of dental care the population is receiving. A more likely explanation, however, is that the differences in estimates resulted from a difference in the wording of the questions. The first question emphasized the length of time since the last dental visit while the second emphasized the number of dental visits made during a specified period of time. This shift in emphasis could have caused sufficient response variation to bring about the differences in estimates noted.

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Table 1. Number of persons by time interval since last dental visit, sex, and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Sex and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
Number of persons in thousands								
<u>Both sexes</u>								
All ages-----	168,369	38,415	23,247	23,645	24,127	24,504	30,394	4,037
0-4-----	19,352	1,136	486	323	61	...	17,241	106
5-14-----	33,285	10,234	5,804	4,916	2,533	360	9,172	268
15-24-----	21,093	6,508	3,856	3,981	3,395	892	1,907	554
25-44-----	45,656	11,978	8,185	8,659	9,031	5,547	1,135	1,121
45-64-----	34,470	7,021	4,107	4,644	6,873	10,133	587	1,106
65+-----	14,512	1,538	809	1,124	2,234	7,572	353	883
<u>Male</u>								
All ages-----	81,906	17,511	10,911	11,589	11,932	11,771	15,820	2,372
0-4-----	9,858	567	248	159	29	...	8,799	54
5-14-----	16,982	5,012	2,978	2,564	1,325	194	4,773	135
15-24-----	9,801	2,732	1,646	1,844	1,735	466	1,025	352
25-44-----	21,885	5,262	3,760	4,189	4,418	2,856	641	758
45-64-----	16,739	3,227	1,895	2,308	3,429	4,841	371	668
65+-----	6,641	711	384	525	995	3,413	209	404
<u>Female</u>								
All ages-----	86,463	20,904	12,336	12,056	12,195	12,733	14,575	1,665
0-4-----	9,494	568	238	164	31	...	8,442	52
5-14-----	16,303	5,223	2,826	2,352	1,208	165	4,398	132
15-24-----	11,292	3,776	2,211	2,136	1,660	426	882	202
25-44-----	23,772	6,716	4,425	4,470	4,613	2,691	493	363
45-64-----	17,731	3,794	2,212	2,336	3,444	5,292	215	438
65+-----	7,871	827	425	598	1,239	4,159	144	479

Table 2. Percent distribution of persons by time interval since last dental visit according to sex and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix 1. Definitions of terms are given in Appendix 1.]

Sex and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
<b>Both sexes</b>								
All ages-----	100.0	22.8	13.8	14.0	14.3	14.6	18.1	2.4
0-4-----	100.0	5.9	2.5	1.7	0.3	...	89.1	0.5
5-14-----	100.0	30.7	17.4	14.8	7.6	1.1	27.6	0.8
15-24-----	100.0	30.9	18.3	18.9	16.1	4.2	9.0	2.6
25-44-----	100.0	26.2	17.9	19.0	19.8	12.1	2.5	2.5
45-64-----	100.0	20.4	11.9	13.5	19.9	29.4	1.7	3.2
65+-----	100.0	10.6	5.6	7.7	15.4	52.2	2.4	6.1
<b>Male</b>								
All ages-----	100.0	21.4	13.3	14.1	14.6	14.4	19.3	2.9
0-4-----	100.0	5.8	2.5	1.6	0.3	...	89.3	0.5
5-14-----	100.0	29.5	17.5	15.1	7.8	1.1	28.1	0.8
15-24-----	100.0	27.9	16.8	18.8	17.7	4.8	10.5	3.6
25-44-----	100.0	24.0	17.2	19.1	20.2	13.1	2.9	3.5
45-64-----	100.0	19.3	11.3	13.8	20.5	28.9	2.2	4.0
65+-----	100.0	10.7	5.8	7.9	15.0	51.4	3.1	6.1
<b>Female</b>								
All ages-----	100.0	24.2	14.3	13.9	14.1	14.7	16.9	1.9
0-4-----	100.0	6.0	2.5	1.7	0.3	...	88.9	0.5
5-14-----	100.0	32.0	17.3	14.4	7.4	1.0	27.0	0.8
15-24-----	100.0	33.4	19.6	18.9	14.7	3.8	7.8	1.8
25-44-----	100.0	28.3	18.6	18.8	19.4	11.3	2.1	1.5
45-64-----	100.0	21.4	12.5	13.2	19.4	29.8	1.2	2.5
65+-----	100.0	10.5	5.4	7.6	15.7	52.8	1.8	6.1

Table 3. Number of persons by time interval since last dental visit, residence, and age:  
United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix I.]

Residence and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
Number of persons in thousands								
<u>All areas</u>								
All ages-----	168,369	38,415	23,247	23,645	24,127	24,504	30,394	4,037
0-4-----	19,352	1,136	486	323	61	...	17,241	106
5-14-----	33,285	10,234	5,804	4,916	2,533	360	9,172	268
15-24-----	21,093	6,508	3,856	3,981	3,395	892	1,907	554
25-44-----	45,656	11,978	8,185	8,659	9,031	5,547	1,135	1,121
45-64-----	34,470	7,021	4,107	4,644	6,873	10,133	587	1,106
65+-----	14,512	1,538	809	1,124	2,234	7,572	353	883
<u>Urban</u>								
All ages-----	102,985	25,157	14,867	14,685	14,759	14,823	16,194	2,500
0-4-----	11,145	684	299	189	35	...	9,876	63
5-14-----	18,495	6,238	3,429	2,746	1,392	188	4,349	153
15-24-----	12,967	4,386	2,546	2,406	1,912	504	869	343
25-44-----	28,347	7,748	5,205	5,362	5,486	3,230	612	704
45-64-----	22,729	4,996	2,812	3,197	4,486	6,242	292	703
65+-----	9,303	1,104	576	785	1,449	4,660	195	534
<u>Rural nonfarm</u>								
All ages-----	44,334	9,630	6,227	6,154	6,203	6,133	8,952	1,035
0-4-----	5,932	357	138	96	23	...	5,283	34
5-14-----	9,885	2,921	1,769	1,487	727	116	2,779	85
15-24-----	5,122	1,464	915	1,048	924	228	404	139
25-44-----	12,532	3,200	2,307	2,370	2,545	1,571	254	285
45-64-----	7,499	1,418	936	934	1,469	2,343	142	258
65+-----	3,364	269	162	219	516	1,876	90	233
<u>Rural farm</u>								
All ages-----	21,049	3,628	2,153	2,806	3,165	3,547	5,249	502
0-4-----	2,275	94	49	38	3	...	2,082	9
5-14-----	4,905	1,075	606	683	414	56	2,044	29
15-24-----	3,004	658	395	526	560	160	634	71
25-44-----	4,777	1,030	673	926	1,001	747	269	132
45-64-----	4,242	606	359	513	918	1,549	152	145
65+-----	1,846	164	72	120	269	1,036	69	116

Table 4. Percent distribution of persons by time interval since last dental visit according to residence and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Residence and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
<u>All areas</u>								
All ages-----	100.0	22.8	13.8	14.0	14.3	14.6	18.1	2.4
0-4-----	100.0	5.9	2.5	1.7	0.3	...	89.1	0.5
5-14-----	100.0	30.7	17.4	14.8	7.6	1.1	27.6	0.8
15-24-----	100.0	30.9	18.3	18.9	16.1	4.2	9.0	2.6
25-44-----	100.0	26.2	17.9	19.0	19.8	12.1	2.5	2.5
45-64-----	100.0	20.4	11.9	13.5	19.9	29.4	1.7	3.2
65+-----	100.0	10.6	5.6	7.7	15.4	52.2	2.4	6.1
<u>Urban</u>								
All ages-----	100.0	24.4	14.3	14.3	14.3	14.4	15.7	2.4
0-4-----	100.0	6.1	2.7	1.7	0.3	...	88.6	0.6
5-14-----	100.0	33.7	18.5	14.8	7.5	1.0	23.5	0.8
15-24-----	100.0	33.8	19.6	18.6	14.7	3.9	6.7	2.6
25-44-----	100.0	27.3	18.4	18.9	19.4	11.4	2.2	2.5
45-64-----	100.0	22.0	12.4	14.1	19.7	27.5	1.3	3.1
65+-----	100.0	11.9	6.2	8.4	15.6	50.1	2.1	5.7
<u>Rural nonfarm</u>								
All ages-----	100.0	21.7	14.0	13.9	14.0	13.8	20.2	2.3
0-4-----	100.0	6.0	2.3	1.6	0.4	...	89.1	0.6
5-14-----	100.0	29.5	17.9	15.0	7.4	1.2	28.1	0.9
15-24-----	100.0	28.6	17.9	20.5	18.0	4.5	7.9	2.7
25-44-----	100.0	25.5	18.4	18.9	20.3	12.5	2.0	2.3
45-64-----	100.0	18.9	12.5	12.5	19.6	31.2	1.9	3.4
65+-----	100.0	8.0	4.8	6.5	15.3	55.8	2.7	6.9
<u>Rural farm</u>								
All ages-----	100.0	17.2	10.2	13.3	15.0	16.9	24.9	2.4
0-4-----	100.0	4.1	2.2	1.7	0.1	...	91.5	0.4
5-14-----	100.0	21.9	12.4	13.9	8.4	1.1	41.7	0.6
15-24-----	100.0	21.9	13.1	17.5	18.6	5.3	21.1	2.4
25-44-----	100.0	21.6	14.1	19.4	21.0	15.6	5.6	2.8
45-64-----	100.0	14.3	8.5	12.1	21.6	36.5	3.6	3.4
65+-----	100.0	8.9	3.9	6.5	14.6	56.1	3.7	6.3

Table 5. Number of persons by time interval since last dental visit, region, and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Region and age	Time interval since last dental visit							Unknown
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	
Number of persons in thousands								
<u>All areas</u>								
All ages-----	168,369	38,415	23,247	23,645	24,127	24,504	30,394	4,037
0-4-----	19,352	1,136	486	323	61	...	17,241	106
5-14-----	33,285	10,234	5,804	4,916	2,533	360	9,172	268
15-24-----	21,093	6,508	3,856	3,981	3,395	892	1,907	554
25-44-----	45,656	11,978	8,185	8,659	9,031	5,547	1,135	1,121
45-64-----	34,470	7,021	4,107	4,644	6,873	10,133	587	1,106
65+-----	14,512	1,538	809	1,124	2,234	7,572	353	883
<u>Northeast</u>								
All ages-----	42,125	11,470	6,602	5,978	5,882	5,864	5,290	1,038
0-4-----	4,267	252	125	58	10	...	3,804	17
5-14-----	7,450	3,070	1,654	1,091	441	55	1,079	59
15-24-----	4,779	1,826	1,025	870	643	160	122	132
25-44-----	11,870	3,468	2,373	2,219	2,210	1,210	107	283
45-64-----	9,978	2,394	1,205	1,386	1,967	2,647	87	293
65+-----	3,781	460	220	354	612	1,792	91	252
<u>North Central</u>								
All ages-----	50,340	11,898	7,262	7,272	7,246	7,720	7,822	1,119
0-4-----	5,972	460	145	115	16	...	5,209	26
5-14-----	9,895	3,385	1,928	1,649	791	109	1,961	72
15-24-----	6,104	2,010	1,183	1,224	980	231	318	159
25-44-----	13,583	3,628	2,456	2,610	2,712	1,703	185	289
45-64-----	10,128	1,956	1,298	1,347	2,062	3,068	87	311
65+-----	4,657	459	252	327	685	2,609	62	262
<u>South</u>								
All ages-----	51,903	9,321	5,829	6,955	7,483	7,906	13,030	1,379
0-4-----	6,082	230	125	72	18	...	5,596	42
5-14-----	11,119	2,235	1,325	1,431	902	143	4,990	93
15-24-----	7,395	1,818	1,081	1,349	1,311	363	1,265	210
25-44-----	13,379	3,014	2,086	2,536	2,722	1,911	693	416
45-64-----	9,851	1,654	1,015	1,273	1,951	3,272	324	362
65+-----	4,078	371	198	294	580	2,217	162	256
<u>West</u>								
All ages-----	24,001	5,725	3,554	3,440	3,516	3,013	4,252	501
0-4-----	3,031	193	91	77	17	...	2,632	20
5-14-----	4,821	1,544	896	744	399	52	1,142	44
15-24-----	2,815	855	568	538	461	138	203	52
25-44-----	6,824	1,869	1,270	1,294	1,387	723	149	131
45-64-----	4,513	1,017	589	638	894	1,146	89	140
65+-----	1,997	248	139	149	357	953	37	113

Table 6. Percent distribution of persons by time interval since last dental visit according to region and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix I.]

Region and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
<b>All areas</b>								
All ages-----	100.0	22.8	13.8	14.0	14.3	14.6	18.1	2.4
0-4-----	100.0	5.9	2.5	1.7	0.3	...	89.1	0.5
5-14-----	100.0	30.7	17.4	14.8	7.6	1.1	27.6	0.8
15-24-----	100.0	30.9	18.3	18.9	16.1	4.2	9.0	2.6
25-44-----	100.0	26.2	17.9	19.0	19.8	12.1	2.5	2.5
45-64-----	100.0	20.4	11.9	13.5	19.9	29.4	1.7	3.2
65+-----	100.0	10.6	5.6	7.7	15.4	52.2	2.4	6.1
<b>Northeast</b>								
All ages-----	100.0	27.2	15.7	14.2	14.0	13.9	12.6	2.5
0-4-----	100.0	5.9	2.9	1.4	0.2	...	89.1	0.4
5-14-----	100.0	41.2	22.2	14.6	5.9	0.7	14.5	0.8
15-24-----	100.0	38.2	21.4	18.2	13.5	3.3	2.6	2.8
25-44-----	100.0	29.2	20.0	18.7	18.6	10.2	0.9	2.4
45-64-----	100.0	24.0	12.1	13.9	19.7	26.5	0.9	2.9
65+-----	100.0	12.2	5.8	9.4	16.2	47.4	2.4	6.7
<b>North Central</b>								
All ages-----	100.0	23.6	14.4	14.4	14.4	15.3	15.5	2.2
0-4-----	100.0	7.7	2.4	1.9	0.3	...	87.2	0.4
5-14-----	100.0	34.2	19.5	16.7	8.0	1.1	19.8	0.7
15-24-----	100.0	32.9	19.4	20.1	16.1	3.8	5.2	2.6
25-44-----	100.0	26.7	18.1	19.2	20.0	12.5	1.4	2.1
45-64-----	100.0	19.3	12.8	13.3	20.4	30.3	0.9	3.1
65+-----	100.0	9.9	5.4	7.0	14.7	56.0	1.3	5.6
<b>South</b>								
All ages-----	100.0	18.0	11.2	13.4	14.4	15.2	25.1	2.7
0-4-----	100.0	3.8	2.1	1.2	0.3	...	92.0	0.7
5-14-----	100.0	20.1	11.9	12.9	8.1	1.3	44.9	0.8
15-24-----	100.0	24.6	14.6	18.2	17.7	4.9	17.1	2.8
25-44-----	100.0	22.5	15.6	19.0	20.3	14.3	5.2	3.1
45-64-----	100.0	16.8	10.3	12.9	19.8	33.2	3.3	3.7
65+-----	100.0	9.1	4.9	7.2	14.2	54.4	4.0	6.3
<b>West</b>								
All ages-----	100.0	23.9	14.8	14.3	14.6	12.6	17.7	2.1
0-4-----	100.0	6.4	3.0	2.5	0.6	...	86.8	0.7
5-14-----	100.0	32.0	18.6	15.4	8.3	1.1	23.7	0.9
15-24-----	100.0	30.4	20.2	19.1	16.4	4.9	7.2	1.8
25-44-----	100.0	27.4	18.6	19.0	20.3	10.6	2.2	1.9
45-64-----	100.0	22.5	13.1	14.1	19.8	25.4	2.0	3.1
65+-----	100.0	12.4	7.0	7.5	17.9	47.7	1.9	5.7

Table 7. Number of persons by time interval since last dental visit, race, and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II]

Race and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
Number of persons in thousands								
<u>White</u>								
All ages-----	149,810	36,624	21,917	21,461	21,196	21,776	23,471	3,365
0-4-----	16,655	1,097	472	308	54	...	14,648	76
5-14-----	28,981	9,822	5,483	4,455	2,220	321	6,460	219
15-24-----	18,438	6,046	3,610	3,562	2,915	736	1,100	468
25-44-----	40,868	11,413	7,657	7,840	7,845	4,620	633	860
45-64-----	31,357	6,759	3,926	4,242	6,094	9,031	374	931
65+-----	13,511	1,486	769	1,054	2,068	7,067	255	811
<u>Nonwhite</u>								
All ages-----	18,559	1,791	1,330	2,184	2,931	2,728	6,924	671
0-4-----	2,697	38	14	15	7	...	2,593	30
5-14-----	4,304	412	320	460	312	39	2,712	48
15-24-----	2,655	462	246	418	480	155	807	85
25-44-----	4,788	565	528	819	1,186	927	501	261
45-64-----	3,114	262	181	402	779	1,102	213	174
65+-----	1,002	51	40	70	166	504	98	73

Table 8. Percent distribution of persons by time interval since last dental visit according to race and age: United States, July 1957-June 1958

(See headnote on table 7)

Race and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
<u>White</u>								
All ages-----	100.0	24.4	14.6	14.3	14.1	14.5	15.7	2.2
0-4-----	100.0	6.6	2.8	1.8	0.3	...	87.9	0.5
5-14-----	100.0	33.9	18.9	15.4	7.7	1.1	22.3	0.8
15-24-----	100.0	32.8	19.6	19.3	15.8	4.0	6.0	2.5
25-44-----	100.0	27.9	18.7	19.2	19.2	11.3	1.5	2.1
45-64-----	100.0	21.6	12.5	13.5	19.4	28.8	1.2	3.0
65+-----	100.0	11.0	5.7	7.8	15.3	52.3	1.9	6.0
<u>Nonwhite</u>								
All ages-----	100.0	9.7	7.2	11.8	15.8	14.7	37.3	3.6
0-4-----	100.0	1.4	0.5	0.6	0.3	...	96.1	1.1
5-14-----	100.0	9.6	7.4	10.7	7.2	0.9	63.0	1.1
15-24-----	100.0	17.4	9.3	15.7	18.1	5.8	30.4	3.2
25-44-----	100.0	11.8	11.0	17.1	24.8	19.4	10.5	5.5
45-64-----	100.0	8.4	5.8	12.9	25.0	35.4	6.8	5.6
65+-----	100.0	5.1	4.0	7.0	16.6	50.3	9.8	7.3

Table 9. Number of persons by time interval since last dental visit, family income, and age:  
United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Family income and age	Time interval since last dental visit							Unknown
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	
Number of persons in thousands								
<u>Under \$2,000</u>								
All ages-----	25,459	2,967	1,849	2,717	3,982	7,021	6,111	812
0-4-----	2,274	35	17	17	3	...	2,182	20
5-14-----	4,068	484	279	444	340	47	2,421	52
15-24-----	3,312	724	436	554	577	212	716	93
25-44-----	4,282	654	485	718	1,003	879	380	162
45-64-----	5,499	601	384	606	1,156	2,333	241	178
65+-----	6,024	468	247	378	902	3,550	171	307
<u>\$2,000-3,999</u>								
All ages-----	36,051	6,046	4,084	5,161	5,854	5,965	8,103	839
0-4-----	4,576	156	66	69	19	...	4,242	23
5-14-----	6,848	1,349	969	1,078	607	102	2,711	31
15-24-----	5,064	1,302	833	1,005	942	256	579	146
25-44-----	8,811	1,739	1,332	1,705	2,122	1,359	322	231
45-64-----	7,481	1,145	696	1,021	1,635	2,572	166	245
65+-----	3,272	354	186	282	529	1,675	82	163
<u>\$4,000-6,999</u>								
All ages-----	62,248	15,259	9,669	9,423	8,885	6,827	11,203	982
0-4-----	8,599	569	242	146	25	...	7,583	32
5-14-----	13,629	4,643	2,605	2,169	1,104	155	2,873	81
15-24-----	7,247	2,317	1,515	1,443	1,206	267	340	157
25-44-----	19,634	5,257	3,730	3,862	3,972	2,256	247	311
45-64-----	10,722	2,165	1,407	1,565	2,225	3,019	101	240
65+-----	2,417	308	170	238	352	1,130	59	160
<u>\$7,000+</u>								
All ages-----	34,549	11,991	6,533	5,050	3,957	3,032	3,440	545
0-4-----	3,128	336	153	84	9	...	2,525	22
5-14-----	7,184	3,310	1,742	999	367	39	696	32
15-24-----	4,010	1,643	852	735	488	117	105	71
25-44-----	10,804	3,828	2,370	2,016	1,545	807	69	169
45-64-----	7,972	2,609	1,312	1,086	1,340	1,431	23	171
65+-----	1,451	264	105	130	210	639	23	80
<u>Unknown</u>								
All ages-----	10,062	2,151	1,113	1,295	1,448	1,659	1,538	859
0-4-----	775	40	8	6	4	...	709	8
5-14-----	1,556	448	208	226	115	17	471	71
15-24-----	1,460	521	220	244	182	41	166	86
25-44-----	2,126	500	269	357	389	245	117	248
45-64-----	2,797	500	308	365	517	778	57	272
65+-----	1,349	142	100	96	241	578	18	173

Table 10. Percent distribution of persons by time interval since last dental visit according to family income and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Family income and age	Time interval since last dental visit							Unknown
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	
<b>Under \$2,000</b>								
All ages-----	100.0	11.7	7.3	10.7	15.6	27.6	24.0	3.2
0-4-----	100.0	1.5	0.7	0.7	0.1	...	96.0	0.9
5-14-----	100.0	11.9	6.9	10.9	8.4	1.2	59.5	1.3
15-24-----	100.0	21.9	13.2	16.7	17.4	6.4	21.6	2.8
25-44-----	100.0	15.3	11.3	16.8	23.4	20.5	8.9	3.8
45-64-----	100.0	10.9	7.0	11.0	21.0	42.4	4.4	3.2
65+-----	100.0	7.8	4.1	6.3	15.0	58.9	2.8	5.1
<b>\$2,000-3,999</b>								
All ages-----	100.0	16.8	11.3	14.3	16.2	16.5	22.5	2.3
0-4-----	100.0	3.4	1.4	1.5	0.4	...	92.7	0.5
5-14-----	100.0	19.7	14.2	15.7	8.9	1.5	39.6	0.5
15-24-----	100.0	25.7	16.4	19.8	18.6	5.1	11.4	2.9
25-44-----	100.0	19.7	15.1	19.4	24.1	15.4	3.7	2.6
45-64-----	100.0	15.3	9.3	13.6	21.9	34.4	2.2	3.3
65+-----	100.0	10.8	5.7	8.6	16.2	51.2	2.5	5.0
<b>\$4,000-6,999</b>								
All ages-----	100.0	24.5	15.5	15.1	14.3	11.0	18.0	1.6
0-4-----	100.0	6.6	2.8	1.7	0.3	...	88.2	0.4
5-14-----	100.0	34.1	19.1	15.9	8.1	1.1	21.1	0.6
15-24-----	100.0	32.0	20.9	19.9	16.6	3.7	4.7	2.2
25-44-----	100.0	26.8	19.0	19.7	20.2	11.5	1.3	1.6
45-64-----	100.0	20.2	13.1	14.6	20.8	28.2	0.9	2.2
65+-----	100.0	12.7	7.0	9.8	14.6	46.8	2.4	6.6
<b>\$7,000+</b>								
All ages-----	100.0	34.7	18.9	14.6	11.5	8.8	10.0	1.6
0-4-----	100.0	10.7	4.9	2.7	0.3	...	80.7	0.7
5-14-----	100.0	46.1	24.2	13.9	5.1	0.5	9.7	0.4
15-24-----	100.0	41.0	21.2	18.3	12.2	2.9	2.6	1.8
25-44-----	100.0	35.4	21.9	18.7	14.3	7.5	0.6	1.6
45-64-----	100.0	32.7	16.5	13.6	16.8	18.0	0.3	2.1
65+-----	100.0	18.2	7.2	9.0	14.5	44.0	1.6	5.5
<b>Unknown</b>								
All ages-----	100.0	21.4	11.1	12.9	14.4	16.5	15.3	8.5
0-4-----	100.0	5.2	1.0	0.8	0.5	...	91.5	1.0
5-14-----	100.0	28.8	13.4	14.5	7.4	1.1	30.3	4.6
15-24-----	100.0	35.7	15.1	16.7	12.5	2.8	11.4	5.9
25-44-----	100.0	23.5	12.7	16.8	18.3	11.5	5.5	11.7
45-64-----	100.0	17.9	11.0	13.0	18.5	27.8	2.0	9.7
65+-----	100.0	10.5	7.4	7.1	17.9	42.8	1.3	12.8

Table 11. Number of persons by time interval since last dental visit, education of family head, and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix I.]

Education of family head and age	Time interval since last dental visit							Unknown
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	
Number of persons in thousands								
<u>Under 5 years</u>								
All ages-----	12,836	1,345	796	1,336	2,090	3,071	3,713	486
0-4-----	975	13	2	7	2	...	932	19
5-14-----	2,391	254	128	261	165	47	1,490	45
15-24-----	1,549	259	124	226	259	103	529	48
25-44-----	2,305	340	218	304	500	470	357	115
45-64-----	3,326	334	252	373	788	1,196	248	135
65+-----	2,292	145	72	165	375	1,254	157	124
<u>5-8 years</u>								
All ages-----	50,497	8,128	5,083	6,969	8,545	11,082	9,299	1,392
0-4-----	4,281	120	55	38	13	...	4,034	20
5-14-----	9,283	1,934	1,214	1,471	856	118	3,616	75
15-24-----	6,174	1,499	881	1,281	1,158	331	817	206
25-44-----	10,843	1,958	1,468	2,052	2,661	1,900	460	343
45-64-----	13,415	2,024	1,153	1,696	2,906	5,008	236	392
65+-----	6,501	593	311	430	950	3,725	135	356
<u>9-12 years</u>								
All ages-----	72,483	17,880	11,373	10,923	10,354	7,948	12,705	1,300
0-4-----	9,843	563	259	176	32	...	8,763	50
5-14-----	15,342	5,186	3,034	2,421	1,242	166	3,195	98
15-24-----	9,499	3,173	1,907	1,828	1,604	367	428	191
25-44-----	22,565	5,882	4,253	4,519	4,582	2,682	214	434
45-64-----	11,611	2,607	1,655	1,672	2,352	2,955	64	307
65+-----	3,623	469	265	307	542	1,778	41	220
<u>College</u>								
All ages-----	28,485	10,527	5,640	3,900	2,542	1,686	3,752	438
0-4-----	3,833	435	168	93	14	...	3,108	14
5-14-----	5,631	2,757	1,354	710	218	27	547	19
15-24-----	3,376	1,476	879	546	303	76	42	53
25-44-----	9,165	3,659	2,149	1,687	1,118	385	37	130
45-64-----	5,023	1,917	962	710	631	665	10	126
65+-----	1,457	282	128	154	257	534	8	95
<u>Unknown</u>								
All ages-----	4,067	535	355	517	597	717	925	422
0-4-----	420	4	2	8	-	...	403	3
5-14-----	637	103	74	53	51	2	324	31
15-24-----	496	102	64	99	70	15	91	55
25-44-----	778	140	97	97	169	111	66	99
45-64-----	1,095	139	85	193	196	309	29	145
65+-----	639	48	33	67	110	280	12	90

Table 12. Percent distribution of persons by time interval since last dental visit according to education of family head and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix I.]

Education of family head and age	Time interval since last dental visit							
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	Unknown
<u>Under 5 years</u>								
All ages-----	100.0	10.5	6.2	10.4	16.3	23.9	28.9	3.8
0-4-----	100.0	1.3	0.2	0.7	0.2	...	95.6	1.9
5-14-----	100.0	10.6	5.4	10.9	6.9	2.0	62.3	1.9
15-24-----	100.0	16.7	8.0	14.6	16.7	6.6	34.2	3.1
25-44-----	100.0	14.8	9.5	13.2	21.7	20.4	15.5	5.0
45-64-----	100.0	10.0	7.6	11.2	23.7	36.0	7.5	4.1
65+-----	100.0	6.3	3.1	7.2	16.4	54.7	6.8	5.4
<u>5-8 years</u>								
All ages-----	100.0	16.1	10.1	13.8	16.9	21.9	18.4	2.8
0-4-----	100.0	2.8	1.3	0.9	0.3	...	94.2	0.5
5-14-----	100.0	20.8	13.1	15.8	9.2	1.3	39.0	0.8
15-24-----	100.0	24.3	14.3	20.7	18.8	5.4	13.2	3.3
25-44-----	100.0	18.1	13.5	18.9	24.5	17.5	4.2	3.2
45-64-----	100.0	15.1	8.6	12.6	21.7	37.3	1.8	2.9
65+-----	100.0	9.1	4.8	6.6	14.6	57.3	2.1	5.5
<u>9-12 years</u>								
All ages-----	100.0	24.7	15.7	15.1	14.3	11.0	17.5	1.8
0-4-----	100.0	5.7	2.6	1.8	0.3	...	89.0	0.5
5-14-----	100.0	33.8	19.8	15.8	8.1	1.1	20.8	0.6
15-24-----	100.0	33.4	20.1	19.2	16.9	3.9	4.5	2.0
25-44-----	100.0	26.1	18.8	20.0	20.3	11.9	0.9	1.9
45-64-----	100.0	22.5	14.3	14.4	20.3	25.5	0.6	2.6
65+-----	100.0	12.9	7.3	8.5	15.0	49.1	1.1	6.1
<u>College</u>								
All ages-----	100.0	37.0	19.8	13.7	8.9	5.9	13.2	1.5
0-4-----	100.0	11.3	4.4	2.4	0.4	...	81.1	0.4
5-14-----	100.0	49.0	24.0	12.6	3.9	0.5	9.7	0.3
15-24-----	100.0	43.7	26.0	16.2	9.0	2.3	1.2	1.6
25-44-----	100.0	39.9	23.4	18.4	12.2	4.2	0.4	1.4
45-64-----	100.0	38.2	19.2	14.1	12.6	13.2	0.2	2.5
65+-----	100.0	19.4	8.8	10.6	17.6	36.7	0.5	6.5
<u>Unknown</u>								
All ages-----	100.0	13.2	8.7	12.7	14.7	17.6	22.7	10.4
0-4-----	100.0	1.0	0.5	1.9	-	...	96.0	0.7
5-14-----	100.0	16.2	11.6	8.3	8.0	0.3	50.9	4.9
15-24-----	100.0	20.6	12.9	20.0	14.1	3.0	18.3	11.1
25-44-----	100.0	18.0	12.5	12.5	21.7	14.3	8.5	12.7
45-64-----	100.0	12.7	7.8	17.6	17.9	28.2	2.6	13.2
65+-----	100.0	7.5	5.2	10.5	17.2	43.8	1.9	14.1

Table 13. Number of persons by time interval since last dental visit, family income, education of family head, and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Family income, education of family head, and age	Time interval since last dental visit							Unknown
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	
Number of persons in thousands								
<b>UNDER \$4,000</b>								
<u>Under 9 years of school</u>								
All ages-----	34,822	3,902	2,462	4,031	5,722	9,051	8,623	1,031
0-4-----	3,057	54	26	23	13	...	2,920	22
5-14-----	6,439	824	522	818	560	89	3,566	60
15-24-----	3,898	714	412	679	727	251	989	126
25-44-----	6,304	851	651	1,085	1,598	1,321	562	235
45-64-----	8,623	979	582	1,012	1,875	3,558	353	264
65+-----	6,501	481	269	415	949	3,832	233	323
<u>9+ years of school</u>								
All ages-----	24,853	4,960	3,362	3,663	3,805	3,543	5,058	463
0-4-----	3,575	137	56	60	9	...	3,294	18
5-14-----	4,177	984	698	686	358	59	1,369	23
15-24-----	4,289	1,283	844	842	762	206	255	97
25-44-----	6,461	1,510	1,140	1,300	1,435	861	93	122
45-64-----	3,923	728	472	564	824	1,204	34	96
65+-----	2,428	318	152	211	417	1,213	12	106
<b>\$4,000+</b>								
<u>Under 9 years of school</u>								
All ages-----	24,633	5,026	3,122	3,831	4,284	4,193	3,646	532
0-4-----	1,965	76	30	21	2	...	1,819	17
5-14-----	4,641	1,262	762	834	415	62	1,263	43
15-24-----	3,401	951	550	760	616	161	262	100
25-44-----	6,122	1,323	964	1,152	1,414	947	176	147
45-64-----	6,897	1,221	731	925	1,597	2,198	82	144
65+-----	1,607	193	86	138	240	824	45	82
<u>9+ years of school</u>								
All ages-----	70,971	21,996	12,933	10,440	8,359	5,484	10,836	924
0-4-----	9,658	826	365	204	32	...	8,192	38
5-14-----	16,011	6,642	3,559	2,316	1,036	131	2,259	69
15-24-----	7,691	2,979	1,779	1,375	1,047	220	177	115
25-44-----	24,022	7,682	5,081	4,680	4,051	2,078	135	316
45-64-----	11,434	3,495	1,967	1,657	1,894	2,148	38	235
65+-----	2,155	373	181	208	300	907	35	151
<b>INCOME OR EDUCATION UNKNOWN</b>								
All ages-----	13,090	2,530	1,369	1,681	1,958	2,233	2,232	1,088
0-4-----	1,098	42	10	14	4	...	1,016	11
5-14-----	2,017	523	262	262	164	18	715	73
15-24-----	1,814	581	271	325	243	54	225	116
25-44-----	2,747	613	349	442	534	340	169	300
45-64-----	3,593	597	355	486	684	1,025	79	366
65+-----	1,821	173	121	152	329	796	29	221

Table 14. Percent distribution of persons by time interval since last dental visit according to family income, education of family head, and age: United States, July 1957-June 1958

[Data are based on household interviews during July 1957-June 1958. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II]

Family income, education of family head, and age	Time interval since last dental visit							Unknown
	Total	Less than 6 months	6-11 months	1 year	2-4 years	5 years or over	Never	
<b>UNDER \$4,000</b>								
<u>Under 9 years of school</u>								
All ages-----	100.0	11.2	7.1	11.6	16.4	26.0	24.8	3.0
0-4-----	100.0	1.8	0.9	0.8	0.4	...	95.5	0.7
5-14-----	100.0	12.8	8.1	12.7	8.7	1.4	55.4	0.9
15-24-----	100.0	18.3	10.6	17.4	18.7	6.4	25.4	3.2
25-44-----	100.0	13.5	10.3	17.2	25.3	21.0	8.9	3.7
45-64-----	100.0	11.4	6.7	11.7	21.7	41.3	4.1	3.1
65+-----	100.0	7.4	4.1	6.4	14.6	58.9	3.6	5.0
<u>9+ years of school</u>								
All ages-----	100.0	20.0	13.5	14.7	15.3	14.3	20.4	1.9
0-4-----	100.0	3.8	1.6	1.7	0.3	...	92.1	0.5
5-14-----	100.0	23.6	16.7	16.4	8.6	1.4	32.8	0.6
15-24-----	100.0	29.9	19.7	19.6	17.8	4.8	5.9	2.3
25-44-----	100.0	23.4	17.6	20.1	22.2	13.3	1.4	1.9
45-64-----	100.0	18.6	12.0	14.4	21.0	30.7	0.9	2.4
65+-----	100.0	13.1	6.3	8.7	17.2	50.0	0.5	4.4
<b>\$4,000+</b>								
<u>Under 9 years of school</u>								
All ages-----	100.0	20.4	12.7	15.6	17.4	17.0	14.8	2.2
0-4-----	100.0	3.9	1.5	1.1	0.1	...	92.6	0.9
5-14-----	100.0	27.2	16.4	18.0	8.9	1.3	27.2	0.9
15-24-----	100.0	28.0	16.2	22.3	18.1	4.7	7.7	2.9
25-44-----	100.0	21.6	15.7	18.8	23.1	15.5	2.9	2.4
45-64-----	100.0	17.7	10.6	13.4	23.2	31.9	1.2	2.1
65+-----	100.0	12.0	5.4	8.6	14.9	51.3	2.8	5.1
<u>9+ years of school</u>								
All ages-----	100.0	31.0	18.2	14.7	11.8	7.7	15.3	1.3
0-4-----	100.0	8.6	3.8	2.1	0.3	...	84.8	0.4
5-14-----	100.0	41.5	22.2	14.5	6.5	0.8	14.1	0.4
15-24-----	100.0	38.7	23.1	17.9	13.6	2.9	2.3	1.5
25-44-----	100.0	32.0	21.2	19.5	16.9	8.7	0.6	1.3
45-64-----	100.0	30.6	17.2	14.5	16.6	18.8	0.3	2.1
65+-----	100.0	17.3	8.4	9.7	13.9	42.1	1.6	7.0
<b>INCOME OR EDUCATION UNKNOWN</b>								
All ages-----	100.0	19.3	10.5	12.8	15.0	17.1	17.1	8.3
0-4-----	100.0	3.8	0.9	1.3	0.4	...	92.5	1.0
5-14-----	100.0	25.9	13.0	13.0	8.1	0.9	35.4	3.6
15-24-----	100.0	32.0	14.9	17.9	13.4	3.0	12.4	6.4
25-44-----	100.0	22.3	12.7	16.1	19.4	12.4	6.2	10.9
45-64-----	100.0	16.6	9.9	13.5	19.0	28.5	2.2	10.2
65+-----	100.0	9.5	6.6	8.3	18.1	43.7	1.6	12.1

Table 15. Number of persons by frequency of dental visits, sex, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II]

Sex and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<u>Both sexes</u>							
All ages-----	171,300	102,210	26,984	18,087	6,857	16,042	1,119
0-4-----	19,646	17,816	1,109	327	93	197	103
5-14-----	34,323	16,404	6,894	5,062	1,844	3,969	150
15-24-----	21,953	10,262	4,162	2,789	1,173	3,296	272
25-44-----	45,502	23,446	8,602	5,742	2,306	5,132	274
45-64-----	35,055	22,254	5,053	3,485	1,176	2,855	232
65+-----	14,821	12,029	1,165	683	265	592	87
<u>Male</u>							
All ages-----	83,360	51,474	13,203	8,365	2,993	6,674	651
0-4-----	10,007	9,060	586	179	46	95	42
5-14-----	17,516	8,548	3,561	2,557	920	1,842	87
15-24-----	10,302	5,157	1,983	1,222	485	1,251	203
25-44-----	21,824	12,018	4,170	2,517	959	1,998	162
45-64-----	16,978	11,163	2,351	1,623	496	1,227	118
65+-----	6,733	5,528	551	267	87	261	39
<u>Female</u>							
All ages-----	87,941	50,736	13,782	9,723	3,864	9,368	468
0-4-----	9,639	8,756	524	148	48	102	61
5-14-----	16,807	7,856	3,332	2,504	924	2,127	63
15-24-----	11,651	5,104	2,179	1,567	687	2,045	69
25-44-----	23,678	11,428	4,431	3,226	1,347	3,134	112
45-64-----	18,077	11,091	2,701	1,861	681	1,628	115
65+-----	8,088	6,501	615	416	178	331	48

Table 16. Percent distribution of persons by frequency of dental visits according to sex and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Sex and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<b>Both sexes</b>							
All ages-----	100.0	59.7	15.8	10.6	4.0	9.4	0.7
0-4-----	100.0	90.7	5.6	1.7	0.5	1.0	0.5
5-14-----	100.0	47.8	20.1	14.7	5.4	11.6	0.4
15-24-----	100.0	46.7	19.0	12.7	5.3	15.0	1.2
25-44-----	100.0	51.5	18.9	12.6	5.1	11.3	0.6
45-64-----	100.0	63.5	14.4	9.9	3.4	8.1	0.7
65+-----	100.0	81.2	7.9	4.6	1.8	4.0	0.6
<b>Male</b>							
All ages-----	100.0	61.7	15.8	10.0	3.6	8.0	0.8
0-4-----	100.0	90.5	5.9	1.8	0.5	0.9	0.4
5-14-----	100.0	48.8	20.3	14.6	5.3	10.5	0.5
15-24-----	100.0	50.1	19.2	11.9	4.7	12.1	2.0
25-44-----	100.0	55.1	19.1	11.5	4.4	9.2	0.7
45-64-----	100.0	65.7	13.8	9.6	2.9	7.2	0.7
65+-----	100.0	82.1	8.2	4.0	1.3	3.9	0.6
<b>Female</b>							
All ages-----	100.0	57.7	15.7	11.1	4.4	10.7	0.5
0-4-----	100.0	90.8	5.4	1.5	0.5	1.1	0.6
5-14-----	100.0	46.7	19.8	14.9	5.5	12.7	0.4
15-24-----	100.0	43.8	18.7	13.4	5.9	17.6	0.6
25-44-----	100.0	48.3	18.7	13.6	5.7	13.2	0.5
45-64-----	100.0	61.4	14.9	10.3	3.8	9.0	0.6
65+-----	100.0	80.4	7.6	5.1	2.2	4.1	0.6

Table 17. Number of persons by frequency of dental visits, residence, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Residence and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<u>All areas</u>							
All ages-----	171,300	102,210	26,984	18,087	6,857	16,042	1,119
0-4-----	19,646	17,816	1,109	327	93	197	103
5-14-----	34,323	16,404	6,894	5,062	1,844	3,969	150
15-24-----	21,953	10,262	4,162	2,789	1,173	3,296	272
25-44-----	45,502	23,446	8,602	5,742	2,306	5,132	274
45-64-----	35,055	22,254	5,053	3,485	1,176	2,855	232
65+-----	14,821	12,029	1,165	683	265	592	87
<u>Urban</u>							
All ages-----	102,815	59,316	15,961	11,319	4,336	11,201	681
0-4-----	10,910	9,832	660	182	51	120	65
5-14-----	18,728	8,197	3,795	2,864	1,079	2,693	101
15-24-----	13,077	5,790	2,398	1,730	781	2,271	107
25-44-----	27,510	13,863	5,063	3,521	1,399	3,496	169
45-64-----	22,979	14,055	3,251	2,496	820	2,176	182
65+-----	9,611	7,578	795	527	207	446	58
<u>Rural nonfarm</u>							
All ages-----	49,232	29,909	8,086	5,123	1,916	3,879	319
0-4-----	6,758	6,159	375	114	30	59	21
5-14-----	11,177	5,561	2,308	1,702	568	1,009	28
15-24-----	6,091	2,890	1,202	748	288	827	136
25-44-----	14,023	7,241	2,774	1,795	729	1,407	76
45-64-----	7,850	5,235	1,181	654	262	479	39
65+-----	3,333	2,822	246	109	39	98	18
<u>Rural farm</u>							
All ages-----	19,253	12,986	2,937	1,645	605	961	119
0-4-----	1,977	1,825	74	31	12	18	17
5-14-----	4,419	2,646	791	496	197	267	22
15-24-----	2,785	1,581	561	310	104	198	30
25-44-----	3,969	2,341	765	427	178	229	29
45-64-----	4,226	2,964	621	335	95	200	11
65+-----	1,878	1,628	125	47	19	49	10

Table 18. Percent distribution of persons by frequency of dental visits according to residence and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Residence and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<u>All areas</u>							
All ages-----	100.0	59.7	15.8	10.6	4.0	9.4	0.7
0-4-----	100.0	90.7	5.6	1.7	0.5	1.0	0.5
5-14-----	100.0	47.8	20.1	14.7	5.4	11.6	0.4
15-24-----	100.0	46.7	19.0	12.7	5.3	15.0	1.2
25-44-----	100.0	51.5	18.9	12.6	5.1	11.3	0.6
45-64-----	100.0	63.5	14.4	9.9	3.4	8.1	0.7
65+-----	100.0	81.2	7.9	4.6	1.8	4.0	0.6
<u>Urban</u>							
All ages-----	100.0	57.7	15.5	11.0	4.2	10.9	0.7
0-4-----	100.0	90.1	6.0	1.7	0.5	1.1	0.6
5-14-----	100.0	43.7	20.3	15.3	5.8	14.4	0.5
15-24-----	100.0	44.3	18.3	13.2	6.0	17.4	0.8
25-44-----	100.0	50.4	18.4	12.8	5.1	12.7	0.6
45-64-----	100.0	61.2	14.1	10.9	3.6	9.5	0.8
65+-----	100.0	78.8	8.3	5.5	2.2	4.6	0.6
<u>Rural nonfarm</u>							
All ages-----	100.0	60.8	16.4	10.4	3.9	7.9	0.6
0-4-----	100.0	91.1	5.5	1.7	0.4	0.9	0.3
5-14-----	100.0	49.8	20.6	15.2	5.1	9.0	0.3
15-24-----	100.0	47.4	19.7	12.3	4.7	13.6	2.2
25-44-----	100.0	51.6	19.8	12.8	5.2	10.0	0.5
45-64-----	100.0	66.7	15.0	8.3	3.3	6.1	0.5
65+-----	100.0	84.7	7.4	3.3	1.2	2.9	0.5
<u>Rural farm</u>							
All ages-----	100.0	67.4	15.3	8.5	3.1	5.0	0.6
0-4-----	100.0	92.3	3.7	1.6	0.6	0.9	0.9
5-14-----	100.0	59.9	17.9	11.2	4.5	6.0	0.5
15-24-----	100.0	56.8	20.1	11.1	3.7	7.1	1.1
25-44-----	100.0	59.0	19.3	10.8	4.5	5.8	0.7
45-64-----	100.0	70.1	14.7	7.9	2.2	4.7	0.3
65+-----	100.0	86.7	6.7	2.5	1.0	2.6	0.5

Table 19. Number of persons by frequency of dental visits, region, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Region and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<u>All areas</u>							
All ages-----	171,300	102,210	26,984	18,087	6,857	16,042	1,119
0-4-----	19,646	17,816	1,109	327	93	197	103
5-14-----	34,323	16,404	6,894	5,062	1,844	3,969	150
15-24-----	21,953	10,262	4,162	2,789	1,173	3,296	272
25-44-----	45,502	23,446	8,602	5,742	2,306	5,132	274
45-64-----	35,055	22,254	5,053	3,485	1,176	2,855	232
65+-----	14,821	12,029	1,165	683	265	592	87
<u>Northeast</u>							
All ages-----	42,632	23,040	6,377	4,937	2,058	5,974	247
0-4-----	4,300	3,800	336	90	21	44	10
5-14-----	7,878	2,781	1,711	1,281	569	1,515	21
15-24-----	5,101	1,871	874	764	308	1,229	55
25-44-----	11,660	5,511	1,972	1,520	657	1,928	72
45-64-----	9,619	5,808	1,191	1,082	415	1,054	70
65+-----	4,074	3,269	294	200	88	204	19
<u>North Central</u>							
All ages-----	52,678	30,931	8,990	5,872	2,101	4,490	293
0-4-----	6,442	5,816	388	105	34	80	20
5-14-----	10,566	4,577	2,466	1,837	605	1,057	24
15-24-----	6,609	2,936	1,376	874	346	940	137
25-44-----	14,134	7,207	2,827	1,848	720	1,472	59
45-64-----	10,407	6,698	1,559	1,008	321	778	43
65+-----	4,519	3,697	373	200	74	163	11
<u>South</u>							
All ages-----	51,340	34,282	7,523	4,477	1,579	3,057	422
0-4-----	5,961	5,597	192	67	13	37	54
5-14-----	10,698	6,819	1,660	1,119	370	643	85
15-24-----	7,291	4,107	1,351	774	332	665	62
25-44-----	13,039	7,427	2,492	1,517	557	951	96
45-64-----	10,220	6,862	1,533	851	261	632	82
65+-----	4,132	3,471	295	149	46	128	43
<u>West</u>							
All ages-----	24,650	13,957	4,094	2,802	1,118	2,522	157
0-4-----	2,943	2,603	193	66	25	36	18
5-14-----	5,181	2,227	1,056	824	299	754	21
15-24-----	2,952	1,347	561	377	186	463	18
25-44-----	6,669	3,300	1,311	857	372	781	47
45-64-----	4,809	2,887	770	544	179	391	38
65+-----	2,096	1,592	203	134	57	97	14

Table 20. Percent distribution of persons by frequency of dental visits according to region and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Region and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<u>All areas</u>							
All ages-----	100.0	59.7	15.8	10.6	4.0	9.4	0.7
0-4-----	100.0	90.7	5.6	1.7	0.5	1.0	0.5
5-14-----	100.0	47.8	20.1	14.7	5.4	11.6	0.4
15-24-----	100.0	46.7	19.0	12.7	5.3	15.0	1.2
25-44-----	100.0	51.5	18.9	12.6	5.1	11.3	0.6
45-64-----	100.0	63.5	14.4	9.9	3.4	8.1	0.7
65+-----	100.0	81.2	7.9	4.6	1.8	4.0	0.6
<u>Northeast</u>							
All ages-----	100.0	54.0	15.0	11.6	4.8	14.0	0.6
0-4-----	100.0	88.4	7.8	2.1	0.5	1.0	0.2
5-14-----	100.0	35.3	21.7	16.3	7.2	19.2	0.3
15-24-----	100.0	36.7	17.1	15.0	6.0	24.1	1.1
25-44-----	100.0	47.3	16.9	13.0	5.6	16.5	0.6
45-64-----	100.0	60.4	12.4	11.2	4.3	11.0	0.7
65+-----	100.0	80.2	7.2	4.9	2.2	5.0	0.5
<u>North Central</u>							
All ages-----	100.0	58.7	17.1	11.1	4.0	8.5	0.6
0-4-----	100.0	90.3	6.0	1.6	0.5	1.2	0.3
5-14-----	100.0	43.3	23.3	17.4	5.7	10.0	0.2
15-24-----	100.0	44.4	20.8	13.2	5.2	14.2	2.1
25-44-----	100.0	51.0	20.0	13.1	5.1	10.4	0.4
45-64-----	100.0	64.4	15.0	9.7	3.1	7.5	0.4
65+-----	100.0	81.8	8.3	4.4	1.6	3.6	0.2
<u>South</u>							
All ages-----	100.0	66.8	14.7	8.7	3.1	6.0	0.8
0-4-----	100.0	93.9	3.2	1.1	0.2	0.6	0.9
5-14-----	100.0	63.7	15.5	10.5	3.5	6.0	0.8
15-24-----	100.0	56.3	18.5	10.6	4.6	9.1	0.9
25-44-----	100.0	57.0	19.1	11.6	4.3	7.3	0.7
45-64-----	100.0	67.1	15.0	8.3	2.6	6.2	0.8
65+-----	100.0	84.0	7.1	3.6	1.1	3.1	1.0
<u>West</u>							
All ages-----	100.0	56.6	16.6	11.4	4.5	10.2	0.6
0-4-----	100.0	88.4	6.6	2.2	0.8	1.2	0.6
5-14-----	100.0	43.0	20.4	15.9	5.8	14.6	0.4
15-24-----	100.0	45.6	19.0	12.8	6.3	15.7	0.6
25-44-----	100.0	49.5	19.7	12.9	5.6	11.7	0.7
45-64-----	100.0	60.0	16.0	11.3	3.7	8.1	0.8
65+-----	100.0	76.0	9.7	6.4	2.7	4.6	0.7

Table 21. Number of persons by frequency of dental visits, race, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Race and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<u>White</u>							
All ages-----	152,258	86,935	24,855	17,400	6,622	15,496	950
0-4-----	16,884	15,137	1,068	324	93	184	77
5-14-----	29,804	12,724	6,409	4,910	1,794	3,841	125
15-24-----	19,205	8,248	3,741	2,646	1,115	3,221	235
25-44-----	40,704	19,979	7,832	5,506	2,224	4,925	239
45-64-----	31,865	19,717	4,697	3,352	1,135	2,759	205
65+-----	13,796	11,129	1,108	662	261	566	69
<u>Nonwhite</u>							
All ages-----	19,042	15,276	2,129	688	235	545	169
0-4-----	2,762	2,679	41	3	1	13	26
5-14-----	4,519	3,680	484	152	50	129	25
15-24-----	2,748	2,014	421	143	58	75	38
25-44-----	4,798	3,466	770	237	82	207	35
45-64-----	3,190	2,537	356	133	41	96	28
65+-----	1,025	900	57	21	3	26	17

Table 22. Percent distribution of persons by frequency of dental visits according to race and age: United States, July 1958-June 1959

(See headnote on table 21)

Race and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<u>White</u>							
All ages-----	100.0	57.1	16.3	11.4	4.3	10.2	0.6
0-4-----	100.0	89.7	6.3	1.9	0.6	1.1	0.5
5-14-----	100.0	42.7	21.5	16.5	6.0	12.9	0.4
15-24-----	100.0	42.9	19.5	13.8	5.8	16.8	1.2
25-44-----	100.0	49.1	19.2	13.5	5.5	12.1	0.6
45-64-----	100.0	61.9	14.7	10.5	3.6	8.7	0.6
65+-----	100.0	80.7	8.0	4.8	1.9	4.1	0.5
<u>Nonwhite</u>							
All ages-----	100.0	80.2	11.2	3.6	1.2	2.9	0.9
0-4-----	100.0	97.0	1.5	0.1	0.0	0.5	0.9
5-14-----	100.0	81.4	10.7	3.4	1.1	2.9	0.6
15-24-----	100.0	73.3	15.3	5.2	2.1	2.7	1.4
25-44-----	100.0	72.2	16.0	4.9	1.7	4.3	0.7
45-64-----	100.0	79.5	11.2	4.2	1.3	3.0	0.9
65+-----	100.0	87.8	5.6	2.0	0.3	2.5	1.7

Table 23. Number of persons by frequency of dental visits, family income, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Family income and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<u>Under \$2,000</u>							
All ages-----	24,895	19,497	2,616	1,145	519	952	167
0-4-----	2,348	2,283	25	5	3	8	23
5-14-----	3,938	3,103	438	183	62	135	17
15-24-----	3,405	2,036	592	323	158	256	39
25-44-----	3,940	2,837	589	207	109	173	27
45-64-----	5,413	4,272	566	263	104	182	27
65+-----	5,852	4,966	406	165	82	199	34
<u>\$2,000-3,999</u>							
All ages-----	36,931	25,438	5,129	2,651	1,114	2,408	191
0-4-----	4,898	4,644	137	33	16	41	27
5-14-----	7,210	4,459	1,244	671	260	534	42
15-24-----	5,302	2,881	1,004	488	257	629	44
25-44-----	8,847	5,529	1,508	810	338	633	29
45-64-----	7,234	5,121	956	498	175	450	34
65+-----	3,440	2,804	279	152	68	122	15
<u>\$4,000-6,999</u>							
All ages-----	60,884	34,420	10,291	6,898	2,729	6,317	229
0-4-----	8,184	7,374	480	159	47	97	28
5-14-----	13,328	5,822	2,939	2,027	822	1,678	39
15-24-----	7,301	3,178	1,431	1,018	420	1,223	31
25-44-----	18,774	9,346	3,660	2,424	1,026	2,251	68
45-64-----	10,890	6,812	1,568	1,108	381	962	59
65+-----	2,407	1,887	213	163	34	106	4
<u>\$7,000+</u>							
All ages-----	36,890	15,557	7,268	6,326	2,155	5,384	200
0-4-----	3,344	2,714	418	124	26	45	16
5-14-----	7,910	1,999	1,911	1,929	615	1,423	33
15-24-----	4,333	1,409	875	779	276	972	22
25-44-----	11,393	4,288	2,399	2,074	737	1,828	67
45-64-----	8,296	3,981	1,496	1,310	445	1,009	56
65+-----	1,614	1,166	169	110	57	107	5
<u>Unknown</u>							
All ages-----	11,700	7,298	1,681	1,068	340	981	332
0-4-----	872	800	49	6	1	7	9
5-14-----	1,938	1,020	362	252	85	199	18
15-24-----	1,612	758	259	182	62	216	135
25-44-----	2,548	1,446	446	228	97	247	84
45-64-----	3,222	2,068	467	306	72	253	56
65+-----	1,508	1,205	98	93	24	59	29

Table 24. Percent distribution of persons by frequency of dental visits according to family income and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates, are given in Appendix I. Definitions of terms are given in Appendix I.]

Family income and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<u>Under \$2,000</u>							
All ages-----	100.0	78.3	10.5	4.6	2.1	3.8	0.7
0-4-----	100.0	97.2	1.1	0.2	0.1	0.3	1.0
5-14-----	100.0	78.8	11.1	4.6	1.6	3.4	0.4
15-24-----	100.0	59.8	17.4	9.5	4.6	7.5	1.1
25-44-----	100.0	72.0	14.9	5.3	2.8	4.4	0.7
45-64-----	100.0	78.9	10.5	4.9	1.9	3.4	0.5
65+-----	100.0	84.9	6.9	2.8	1.4	3.4	0.6
<u>\$2,000-3,999</u>							
All ages-----	100.0	68.9	13.9	7.2	3.0	6.5	0.5
0-4-----	100.0	94.8	2.8	0.7	0.3	0.8	0.6
5-14-----	100.0	61.8	17.3	9.3	3.6	7.4	0.6
15-24-----	100.0	54.3	18.9	9.2	4.8	11.9	0.8
25-44-----	100.0	62.5	17.0	9.2	3.8	7.2	0.3
45-64-----	100.0	70.8	13.2	6.9	2.4	6.2	0.5
65+-----	100.0	81.5	8.1	4.4	2.0	3.5	0.4
<u>\$4,000-6,999</u>							
All ages-----	100.0	56.5	16.9	11.3	4.5	10.4	0.4
0-4-----	100.0	90.1	5.9	1.9	0.6	1.2	0.3
5-14-----	100.0	43.7	22.1	15.2	6.2	12.6	0.3
15-24-----	100.0	43.5	19.6	13.9	5.8	16.8	0.4
25-44-----	100.0	49.8	19.5	12.9	5.5	12.0	0.4
45-64-----	100.0	62.6	14.4	10.2	3.5	8.8	0.5
65+-----	100.0	78.4	8.8	6.8	1.4	4.4	0.2
<u>\$7,000+</u>							
All ages-----	100.0	42.2	19.7	17.1	5.8	14.6	0.5
0-4-----	100.0	81.2	12.5	3.7	0.8	1.3	0.5
5-14-----	100.0	25.3	24.2	24.4	7.8	18.0	0.4
15-24-----	100.0	32.5	20.2	18.0	6.4	22.4	0.5
25-44-----	100.0	37.6	21.1	18.2	6.5	16.0	0.6
45-64-----	100.0	48.0	18.0	15.8	5.4	12.2	0.7
65+-----	100.0	72.2	10.5	6.8	3.5	6.6	0.3
<u>Unknown</u>							
All ages-----	100.0	62.4	14.4	9.1	2.9	8.4	2.8
0-4-----	100.0	91.7	5.6	0.7	0.1	0.8	1.0
5-14-----	100.0	52.6	18.7	13.0	4.4	10.3	0.9
15-24-----	100.0	47.0	16.1	11.3	3.8	13.4	8.4
25-44-----	100.0	56.8	17.5	8.9	3.8	9.7	3.3
45-64-----	100.0	64.2	14.5	9.5	2.2	7.9	1.7
65+-----	100.0	79.9	6.5	6.2	1.6	3.9	1.9

Table 25. Number of persons by frequency of dental visits, education of family head, and age:  
United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Education of family head and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<u>Under 5 years</u>							
All ages-----	12,403	10,115	1,130	460	182	394	123
0-4-----	965	943	6	-	-	1	14
5-14-----	2,318	1,903	225	111	26	42	12
15-24-----	1,478	1,120	168	80	25	53	31
25-44-----	2,052	1,559	231	103	47	99	13
45-64-----	3,150	2,463	352	110	60	139	26
65+-----	2,441	2,126	148	56	23	61	27
<u>5-8 years</u>							
All ages-----	48,832	34,336	6,179	3,472	1,299	3,240	306
0-4-----	4,084	3,862	110	34	21	30	27
5-14-----	9,041	5,715	1,336	939	269	737	46
15-24-----	6,078	3,340	1,085	613	256	735	49
25-44-----	10,122	6,533	1,614	823	362	714	76
45-64-----	13,093	9,482	1,610	858	298	772	73
65+-----	6,415	5,405	423	205	94	252	35
<u>9-12 years</u>							
All ages-----	76,507	43,429	13,094	8,438	3,362	7,735	449
0-4-----	10,388	9,501	533	163	48	108	35
5-14-----	16,266	7,043	3,725	2,425	1,034	1,981	58
15-24-----	10,563	4,645	2,012	1,393	597	1,751	166
25-44-----	23,017	11,811	4,479	2,866	1,137	2,614	111
45-64-----	12,514	7,516	1,973	1,372	470	1,112	71
65+-----	3,759	2,913	372	220	77	169	9
<u>College</u>							
All ages-----	29,216	11,210	6,152	5,426	1,911	4,357	160
0-4-----	3,828	3,156	449	126	25	57	16
5-14-----	6,019	1,330	1,535	1,514	482	1,132	26
15-24-----	3,342	839	835	669	286	697	17
25-44-----	9,421	2,967	2,157	1,875	741	1,636	46
45-64-----	5,063	1,899	987	1,068	315	749	45
65+-----	1,542	1,021	188	174	63	86	10
<u>Unknown</u>							
All ages-----	4,342	3,120	430	291	103	316	81
0-4-----	380	354	11	4	-	1	10
5-14-----	680	413	73	73	34	78	9
15-24-----	493	318	62	34	8	60	9
25-44-----	890	576	120	75	20	70	29
45-64-----	1,235	895	131	76	32	84	17
65+-----	664	565	34	28	8	24	6

Table 26. Percent distribution of persons by frequency of dental visits according to education of family head and age: United States, July 1958-June 1959...

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix 1. Definitions of terms are given in Appendix 11]

Education of family head and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<u>Under 5 years</u>							
All ages-----	100.0	81.6	9.1	3.7	1.5	3.2	1.0
0-4-----	100.0	97.7	0.6	-	-	0.1	1.5
5-14-----	100.0	82.1	9.7	4.8	1.1	1.8	0.5
15-24-----	100.0	75.8	11.4	5.4	1.7	3.6	2.1
25-44-----	100.0	76.0	11.3	5.0	2.3	4.8	0.6
45-64-----	100.0	78.2	11.2	3.5	1.9	4.4	0.8
65+-----	100.0	87.1	6.1	2.3	0.9	2.5	1.1
<u>5-8 years</u>							
All ages-----	100.0	70.3	12.7	7.1	2.7	6.6	0.6
0-4-----	100.0	94.6	2.7	0.8	0.5	0.7	0.7
5-14-----	100.0	63.2	14.8	10.4	3.0	8.2	0.5
15-24-----	100.0	55.0	17.9	10.1	4.2	12.1	0.8
25-44-----	100.0	64.5	15.9	8.1	3.6	7.1	0.8
45-64-----	100.0	72.4	12.3	6.6	2.3	5.9	0.6
65+-----	100.0	84.3	6.6	3.2	1.5	3.9	0.5
<u>9-12 years</u>							
All ages-----	100.0	56.8	17.1	11.0	4.4	10.1	0.6
0-4-----	100.0	91.5	5.1	1.6	0.5	1.0	0.3
5-14-----	100.0	43.3	22.9	14.9	6.4	12.2	0.4
15-24-----	100.0	44.0	19.0	13.2	5.7	16.6	1.6
25-44-----	100.0	51.3	19.5	12.5	4.9	11.4	0.5
45-64-----	100.0	60.1	15.8	11.0	3.8	8.9	0.6
65+-----	100.0	77.5	9.9	5.9	2.0	4.5	0.2
<u>College</u>							
All ages-----	100.0	38.4	21.1	18.6	6.5	14.9	0.5
0-4-----	100.0	82.4	11.7	3.3	0.7	1.5	0.4
5-14-----	100.0	22.1	25.5	25.2	8.0	18.8	0.4
15-24-----	100.0	25.1	25.0	20.0	8.6	20.9	0.5
25-44-----	100.0	31.5	22.9	19.9	7.9	17.4	0.5
45-64-----	100.0	37.5	19.5	21.1	6.2	14.8	0.9
65+-----	100.0	66.2	12.2	11.3	4.1	5.6	0.6
<u>Unknown</u>							
All ages-----	100.0	71.9	9.9	6.7	2.4	7.3	1.9
0-4-----	100.0	93.2	2.9	1.1	-	0.3	2.6
5-14-----	100.0	60.7	10.7	10.7	5.0	11.5	1.3
15-24-----	100.0	64.5	12.6	6.9	1.6	12.2	1.8
25-44-----	100.0	64.7	13.5	8.4	2.2	7.9	3.3
45-64-----	100.0	72.5	10.6	6.2	2.6	6.8	1.4
65+-----	100.0	85.1	5.1	4.2	1.2	3.6	0.9

Table 27. Number of persons by frequency of dental visits, family income, education of family head, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II.]

Family income, education of family head, and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
Number of persons in thousands							
<b>UNDER \$4,000</b>							
<u>Under 9 years of school</u>							
All ages-----	33,253	26,259	3,361	1,571	583	1,255	225
0-4-----	2,963	2,870	30	11	9	12	31
5-14-----	6,183	4,704	709	385	108	236	41
15-24-----	3,660	2,474	527	254	116	253	36
25-44-----	5,828	4,270	802	343	140	240	32
45-64-----	8,131	6,359	874	402	131	322	43
65+-----	6,488	5,583	418	174	79	192	43
<u>9+ years of school</u>							
All ages-----	27,001	17,442	4,225	2,147	1,018	2,057	113
0-4-----	4,114	3,900	126	26	11	36	14
5-14-----	4,704	2,679	940	448	200	423	13
15-24-----	4,872	2,321	1,046	547	297	618	43
25-44-----	6,656	3,867	1,253	657	300	558	20
45-64-----	4,169	2,765	607	342	141	299	16
65+-----	2,485	1,909	253	125	69	123	6
<b>\$4,000+</b>							
<u>Under 9 years of school</u>							
All ages-----	23,546	14,944	3,486	2,095	785	2,125	111
0-4-----	1,786	1,648	78	23	11	20	8
5-14-----	4,490	2,449	756	615	167	495	7
15-24-----	3,358	1,633	656	399	155	492	22
25-44-----	5,543	3,288	943	518	237	523	33
45-64-----	6,747	4,609	931	474	191	505	37
65+-----	1,622	1,317	122	67	24	89	3
<u>9+ years of school</u>							
All ages-----	72,689	34,060	13,896	10,987	4,049	9,401	297
0-4-----	9,626	8,335	818	256	61	121	36
5-14-----	16,527	5,260	4,070	3,310	1,257	2,565	65
15-24-----	8,088	2,845	1,624	1,379	539	1,673	29
25-44-----	24,274	10,160	5,059	3,935	1,516	3,510	95
45-64-----	11,913	5,837	2,073	1,909	613	1,415	66
65+-----	2,261	1,623	253	198	63	117	6
<b>INCOME OR EDUCATION UNKNOWN</b>							
All ages-----	14,810	9,505	2,017	1,288	423	1,204	373
0-4-----	1,156	1,064	58	11	1	8	14
5-14-----	2,420	1,312	419	304	112	250	23
15-24-----	1,975	989	308	209	66	260	142
25-44-----	3,201	1,860	545	289	113	301	93
45-64-----	4,094	2,684	568	357	100	314	71
65+-----	1,965	1,597	119	119	30	71	29

Table 28. Percent of persons by frequency of dental visits according to family income, education of family head, and age: United States, July 1958-June 1959

[Data are based on household interviews during July 1958-June 1959. Data refer to the civilian noninstitutional population of the United States. Detailed figures may not add to totals due to rounding. The survey design, general qualifications, and information on the reliability of the estimates are given in Appendix I. Definitions of terms are given in Appendix II]

Family income, education of family head, and age	Number of dental visits during the year						
	Total	0	1	2	3	4+	Unknown
<b>UNDER \$4,000</b>							
<u>Under 9 years of school</u>							
All ages-----	100.0	79.0	10.1	4.7	1.8	3.8	0.7
0-4-----	100.0	96.9	1.0	0.4	0.3	0.4	1.0
5-14-----	100.0	76.1	11.5	6.2	1.7	3.8	0.7
15-24-----	100.0	67.6	14.4	6.9	3.2	6.9	1.0
25-44-----	100.0	73.3	13.8	5.9	2.4	4.1	0.5
45-64-----	100.0	78.2	10.7	4.9	1.6	4.0	0.5
65+-----	100.0	86.1	6.4	2.7	1.2	3.0	0.7
<u>9+ years of school</u>							
All ages-----	100.0	64.6	15.6	8.0	3.8	7.6	0.4
0-4-----	100.0	94.8	3.1	0.6	0.3	0.9	0.3
5-14-----	100.0	57.0	20.0	9.5	4.3	9.0	0.3
15-24-----	100.0	47.6	21.5	11.2	6.1	12.7	0.9
25-44-----	100.0	58.1	18.8	9.9	4.5	8.4	0.3
45-64-----	100.0	66.3	14.6	8.2	3.4	7.2	0.4
65+-----	100.0	76.8	10.2	5.0	2.8	4.9	0.2
<b>\$4,000+</b>							
<u>Under 9 years of school</u>							
All ages-----	100.0	63.5	14.8	8.9	3.3	9.0	0.5
0-4-----	100.0	92.3	4.4	1.3	0.6	1.1	0.4
5-14-----	100.0	54.5	16.8	13.7	3.7	11.0	0.2
15-24-----	100.0	48.6	19.5	11.9	4.6	14.7	0.7
25-44-----	100.0	59.3	17.0	9.3	4.3	9.4	0.6
45-64-----	100.0	68.3	13.8	7.0	2.8	7.5	0.5
65+-----	100.0	81.2	7.5	4.1	1.5	5.5	0.2
<u>9+ years of school</u>							
All ages-----	100.0	46.9	19.1	15.1	5.6	12.9	0.4
0-4-----	100.0	86.6	8.5	2.7	0.6	1.3	0.4
5-14-----	100.0	31.8	24.6	20.0	7.6	15.5	0.4
15-24-----	100.0	35.2	20.1	17.0	6.7	20.7	0.4
25-44-----	100.0	41.9	20.8	16.2	6.2	14.5	0.4
45-64-----	100.0	49.0	17.4	16.0	5.1	11.9	0.6
65+-----	100.0	71.8	11.2	8.8	2.8	5.2	0.3
<b>INCOME OR EDUCATION UNKNOWN</b>							
All ages-----	100.0	64.2	13.6	8.7	2.9	8.1	2.5
0-4-----	100.0	92.0	5.0	1.0	0.1	0.7	1.2
5-14-----	100.0	54.2	17.3	12.6	4.6	10.3	1.0
15-24-----	100.0	50.1	15.6	10.6	3.3	13.2	7.2
25-44-----	100.0	58.1	17.0	9.0	3.5	9.4	2.9
45-64-----	100.0	65.6	13.9	8.7	2.4	7.7	1.7
65+-----	100.0	81.3	6.1	6.1	1.5	3.6	1.5

## APPENDIX I

### TECHNICAL NOTES ON METHODS

#### Background of This Report

This report on Dental Care is one of a series of statistical reports which cover separate health-related topics prepared by the U. S. National Health Survey. The report is based on information collected in the nationwide continuing sample household-interview survey which is a main aspect of the program.

The household-interview survey uses a questionnaire which, in addition to personal and demographic characteristics, requests information on illnesses, injuries, chronic conditions, medical care, dental care, and hospitalization. As interview data relating to each of these various broad subject areas are tabulated and analyzed, separate reports are issued covering one or more specific topics. The present report on dental care is based on the consolidated sample for 52 weeks of interviewing for the year ending June 29, 1958 and for the year ending June 28, 1959.

The population covered by the sample for the household-interview survey is the civilian population of the United States living at the time of interview. Although the sample collection covers persons living as inmates of resident-type institutions, data for these persons are not included in the figures given in these reports pending special study of the applicability of an interview-type questionnaire to these persons. The sample does not include members of the Armed Forces, United States nationals living in foreign countries, and crews of vessels.

#### Statistical Design of the Health Interview Survey

General plan.—The sampling plan of the survey follows a multistage probability design which permits a continuous sampling of the civilian population of the United States. The first stage of this design consists of an area sample of 372 from among approximately 1,900 geographically defined Primary Sampling Units (PSU's) into which the United States has been divided. A PSU is a county, a group of contiguous counties, or a Standard Metropolitan Area.

With no loss in general understanding, the remaining stages can be telescoped and treated in this discussion as an ultimate stage. Within PSU's, then, ultimate stage units called segments are defined, also geographically, in such a manner that each segment contains an expected six households in the sample. Each week a random sample of about 120 segments is drawn. In the approximately 700 households in those segments persons are interviewed concerning illnesses, injuries, chronic conditions, disability, and other factors related to health.

The household members interviewed each week are a representative sample of the population so that samples for successive weeks can be combined into larger samples for, say a calendar quarter, or a year. Thus the design permits both continuous measurement of

characteristics of high incidence or prevalence in the population, and through the larger consolidated samples more detailed analysis of less common characteristics and smaller categories. The continuous collection has administrative and operational advantages, as well as technical assets, since it permits field work to be handled with an experienced, stable staff.

Sample size and geographic detail.—The national sample plan over a 12-month period includes approximately 115,000 persons from 36,000 households in 6,000 segments, with representation from every State. The over-all sample was designed in such a fashion that tabulations from the annual sample can be provided for various geographic sections of the United States and for urban and rural sectors of the Nation.

Collection of data.—The field operations for the household survey are performed by the Bureau of the Census under specifications established by the Public Health Service. In accordance with these specifications the Bureau of the Census designs and selects the sample, conducts the field interviewing acting as collecting agent for the Public Health Service, and edits and codes the questionnaires. Tabulations are prepared by the Public Health Service using the Bureau of the Census electronic computers.

Estimating methods.—Each statistic produced by the survey—for example, the number of persons who have never visited a dentist—is the result of two stages of ratio estimation. In the first of these, the ratio factor is 1950 decennial population count to estimated population for 1950 for the U. S. National Health Survey first-stage sample of PSU's. These factors are applied for 132 color-residence classes.

Later, ratios of sample-produced estimates of the population to official Bureau of the Census figures for current population in 76 age-sex-color classes are computed, and serve as second-stage factors for ratio estimating.

The effect of the ratio estimating process is to make the sample more closely representative of the population by age, sex, color, and residence, thus reducing sampling variance.

Each week's sample represents the population living during that week and characteristics of that population. Consolidation of samples over a time period, say a calendar quarter, produces estimates of average characteristics of the United States population for that calendar quarter.

For prevalence statistics, such as number of persons who had 4 or more dental visits in the 12-month period preceding interview, figures are first calculated for each calendar quarter by averaging estimates for all weeks of interviewing in that quarter. Prevalence data for a year are then obtained by averaging the four quarterly figures.

The interviewing and estimation procedure, as noted earlier, are designed to reproduce the experience in the reference period of the questionnaire for the population living at the time of interview.

## General Qualifications

**Nonresponse.**—Data were adjusted for nonresponse by a procedure which imputed to persons in a household not interviewed the characteristics of interviewed persons in the same segment. The total noninterview rate was 6 percent; 1 percent was refusal, and the remainder was accounted for by all other reasons, such as failure to find any household respondent after repeated trials.

**The interview process.**—The statistics presented in this report are based on replies secured in interviews of persons in the sampled households. Each person 18 years and over, available at the time of interview, was interviewed individually. Proxy respondents within the household were accepted for children and for adults not available at the time of the interview provided the respondent was closely related to the person about whom information was being obtained.

**Rounding of numbers.**—The original tabulations on which the data in this report are based show all estimates to the nearest whole unit. All consolidations were made from the original tabulations using the estimates to the nearest unit. In the final published tables the figures are rounded to the nearest thousand, although, because of sampling error, they are not necessarily accurate to that detail. Derived statistics, such as rates, are computed after the estimates on which they are based have been rounded to the nearest thousand.

**Population figures.**—Some of the published tables include population figures for specified categories. Except for certain over-all totals by age, sex, and color (which are independently estimated), these figures are based on the sample of households in the U. S. National Health Survey. They are given primarily for the purpose of providing denominators for rate computation, and for this purpose are more appropriate for use with the accompanying measures of health characteristics than other population data that may be available. In some instances they will permit users to recombine published data into classes more suitable to their specific needs. With the exception of the over-all totals by age, sex, and color mentioned above, the population figures may in some cases differ from corresponding figures (which are derived from different sample surveys) published in reports of the Bureau of the Census. For population data for general use, see the official estimates presented in Bureau of the Census reports in the P-20, P-25, P-50, P-57, and P-60 series.

## Reliability of Estimates

Since the estimates are based on a sample, they will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same schedules, instructions, and interviewing personnel and procedures. As in any survey, the results are also subject to measurement error.

The standard error is primarily a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. As calculated for this report, the standard error also reflects part of the variation which arises in the measurement process. It does not include estimates of any biases which might lie in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 95 out of 100 that the difference would be less than twice the standard error and about 99 out of 100 that it would be less than 2½ times as large.

The estimates of standard errors shown in tables I and II are approximations for the 372-area sample. These tables may be used by the reader to determine standard errors for the statistics presented in this report.

Table I. Standard errors of estimates of aggregates

(All numbers shown in thousands)

Size of estimate	Standard error
100-----	22
500-----	50
1,000-----	70
2,000-----	100
3,000-----	120
5,000-----	160
10,000-----	220
20,000-----	300
30,000-----	330
50,000-----	350
100,000-----	400
200,000-----	...

**Illustration of use of table I.**—About 11,978,000 persons 25-44 years of age visited a dentist in the six-month period prior to the week of interview. Since the estimate is an aggregate, table I is appropriate. Reading from table I, it is found that a statistic of 10,000,000 has a standard error of 220,000 and a statistic of 20,000,000 has a standard error of 300,000. Interpolating between these values, the appropriate standard error of the estimated 11,978,000 persons is 256,000.

In order to derive standard errors which would be applicable to a wide variety of health statistics and which could be prepared at a moderate cost, a number of approximations were required. As a result, tables I and II should be interpreted as providing an estimate of approximate standard error rather than as the precise standard error for any specific aggregate or percentage.

**General rules for determining sampling errors.**—The following rules will enable the reader to determine sampling errors from tables I and II for the statistics presented in this report.

1. **Estimates of aggregates:** Standard errors for estimates of aggregates are given in table I, with the following exception. Where the aggregate consists of the number of persons in an age, sex, or color category of the population for which the number of such persons is a large part of the total population in the age, sex, or color category, table I overstates the sampling error by a significant amount. Such a statistic has the same relative standard error<sup>1</sup> as does the estimated number expressed as a percent of the total population in the cate-

<sup>1</sup>The relative standard error for any statistic is the standard error divided by the statistic itself.

Table II. Standard error of estimated percentage (body of table expressed in percentage points)

Estimated percentage	Base of percentage (base is shown in thousands)										
	100	500	1,000	2,000	3,000	5,000	10,000	20,000	30,000	50,000	100,000
2 or 98-----	3.6	1.6	1.1	0.8	0.7	0.5	0.4	0.3	0.2	0.2	0.1
5 or 95-----	5.6	2.5	1.8	1.3	1.0	0.8	0.6	0.4	0.3	0.3	0.2
10 or 90-----	6.8	3.0	2.1	1.5	1.2	1.0	0.7	0.5	0.4	0.3	0.2
25 or 75-----	9.8	4.4	3.1	2.2	1.8	1.4	1.0	0.7	0.6	0.4	0.3
50-----	12.9	5.8	4.1	2.9	2.4	1.8	1.3	0.9	0.7	0.6	0.4

Illustration of use of table II.—Of the estimated 36,890,000 persons in families with an annual income of \$7,000 or more, 14.6 percent had 4 or more dental visits in the 12-month period prior to the week of interview. Since the estimate is a percentage, table II is appropriate. A statistic of 10 percent with a base of 30,000,000 has a standard error of 0.4 percentage points. A statistic of 25 percent has a standard error of 0.6 percentage points. Interpolating, a statistic of 14.6 percent with a base of 30,000,000 would have a standard error of 0.46 percentage points. Corresponding calculations for a base of 50,000,000 produce a standard error of 0.33 percentage points for the statistic 14.6 percent. A final interpolation between these two results yields an estimate of 0.42 percentage points, which rounds to 0.4 as the approximate standard error for a percentage 14.6 with a base of 36,890,000. (Interpolation has been carried out in two dimensions in this example. For most purposes, a simple scanning of table II will reveal an approximate answer which is sufficiently precise.)

gory. Table II may be utilized for computing standard errors for this group of estimates.

2. Estimates of percentages: Standard errors for estimates of percentages are given in table II.

3. Estimates of ratios or rates: (a) Where the numerator of the rate is a subclass of the base or denominator, use table II to obtain the sampling error. (b) Where the numerator is not a subclass of the denominator, a rough approximation of the sampling error may be obtained as follows. The relative standard error<sup>1</sup> of the ratio is equal to the square root of the sum of the

squares of the relative standard errors<sup>1</sup> of the numerator and the denominator. This will normally give an overestimate of the true sampling error.

4. Differences between two sample estimates: The standard error of a difference is approximately the square root of the sum of the squares of each standard error considered separately. This formula will represent the actual standard error quite accurately for the difference between separate and uncorrelated characteristics although it is only a rough approximation in most other cases.

<sup>1</sup>The relative standard error for any statistic is the standard error divided by the statistic itself.

## APPENDIX II

### DEFINITIONS OF CERTAIN TERMS USED IN THIS REPORT

#### Dental Care Terms

Dental visits.—Each visit to a dentist's office for treatment or advice is considered to be a dental visit. The visit may involve services provided directly by the dentist or by a dental hygienist acting under a dentist's supervision. Services provided while a person was a patient in a hospital for overnight or longer are not considered to be dental visits.

Time interval since last dental visit.—The interval since the last dental visit is the length of time prior to the week of interview since a dentist or dental hygienist was last visited for treatment or advice of any type.

The interval is recorded to the nearest month for periods of a month or more but less than a year, and to the nearest year for periods of a year or more.

Number of dental visits in the past year.—Each person is classified according to the number of dental visits he had during the one-year period prior to the week of interview. The categories range from "0" visits to "4+" visits during the year.

#### Demographic, Social, and Economic Terms

Age.—The age recorded for each person is the age at last birthday. Age is recorded in single years and grouped in a variety of distributions depending upon the purpose of the table.

Race.—In this report, the population has been subdivided into two groups according to race, "White" and "Nonwhite." "Nonwhite" includes Negro, American Indian, Chinese, Japanese, and so forth. Mexican persons are included with "White" unless definitely known to be Indian or other nonwhite race.

Family income.—Each member of a family is classified according to the total income of the family of which he is a member. Within the household all persons related to each other by blood, marriage, or adoption constitute a family. Unrelated individuals are classified according to their own income.

The income recorded is the total of all income received by members of the family (or by an unrelated individual) in the 12-month period ending with the week of interview. Income from all sources is included, e.g., wages, salaries, rents from property, pensions, help from relatives, and so forth.

Education of family head.—Each member of a family is classified according to the education of the head of the family of which he is a member. Within the household all persons related to each other by blood, marriage, or adoption constitute a family. Unrelated individuals are classified according to their own education.

The categories of educational status show the highest grade of school completed. Only grades completed in regular schools, where persons are given a formal education, are included. A "regular" school is one which advances a person toward an elementary or high school diploma, or a college, university, or professional school degree. Thus, education in vocational, trade, or business schools outside the regular school system is not counted in determining the highest grade of school completed.

#### Location of Residence Terms

Urban residence.—The definition of urban areas used in the U. S. National Health Survey is the same as that used in the 1950 Census. According to this definition, the urban population comprises all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, and villages; (b) incorporated towns of 2,500 inhabitants or more except in New England, New York, and Wisconsin, where "Towns" are simply minor civil divisions of counties; (c) the densely settled urban fringe, including both incorporated and unincorporated areas around cities of 50,000 or more; and (d) unincorporated places of 2,500 inhabitants or more outside any urban fringe.

Rural residence.—The remaining population not classified as "Urban" is classified as "Rural." In this report the rural population has been subdivided into "Rural farm" and "Rural nonfarm."

Rural farm.—All rural residents living on farms are classified as "Rural farm." In deciding whether members of a household reside on a farm or ranch, the statement of the household respondent that the house is on a farm or ranch is accepted, with the following exception. A house occupied by persons who pay cash rent for the house and yard only is not counted as a farm or ranch even though the surrounding area is farm land. This special case does not cover: (1) the living quarters of a tenant farmer who rents farm land as well as house and yard; (2) the quarters of a hired hand who receives living quarters on a farm as part of his compensation; or (3) separate living quarters inside a structure which is classified as on a farm. In all these cases the living quarters are counted as on a farm.

Rural nonfarm.—The remaining rural population not classified as "Rural farm" is classified as "Rural nonfarm."

Region.—For the purposes of classifying the population by geographic area of residence, the National Health Survey uses the same grouping of states used by the Bureau of the Census and many other agencies.

The four major regions are:

<u>Region</u>	<u>States Included</u>	
Northeast	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania	South Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas
North Central	Michigan, Ohio, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas	West Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California

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